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CATALOG OF HUMAN CRANIA IN THE UNITED STATES NATIONAL MUSEUM COLLECTIONS: NON-ESKIMO PEOPLE OF THE NORTHWEST COAST, ALASKA, AND SIBERIA

By Aleš Hrdlička*

INTRODUCTION

The present catalog of crania is the seventh and concluding part of a work describing the large and valuable collections of human skulls in the United States National Museum. Its object, as that of all the previous parts, is to furnish American and other students of man with reliable, detailed measurements, made by the same experienced observer, using tested methods and standard instruments, as the basis of future studies and the solution of anthropological problems.

The data given herein are supplemented by those obtained by me in various Russian institutions, principally the anthropological museums at Leningrad and Moscow and the City Museum at Irkutsk. They extend to the Indian and other non-Eskimo populations of the Northwest Coast of North America, Alaska (including Kodiak Island and the Aleutian Islands), and Siberia.

The extension of the catalog to the Siberian materials grew gradually in urgency, for as the work progressed evidence pointed more and more to northern Asia as the source of the original American Indian population. Since it was of prime importance that the data be collected and collated by the same observer and by the same methods as those for the North American skulls, I made a trip to the Soviet Union, including Siberia, in 1939. All possible facilities and aid were accorded

*Dr. Hrdlička died on September 5, 1943, a few days after galley proofs of this paper were received from the printer.—Editor.

me by the Russian scientists, and as a result I was able to examine a considerable number of Siberian crania from all periods of occupation. In view of the importance of some of this material, particularly that from the neolithic and more modern periods, the gist of the observations, with some details, was published in the American Journal of Physical Anthropology (vol. 29, pp. 435–481, 1942); but the detailed measurements of all except the prehistoric specimens were reserved for the present publication. Meanwhile there was published also the final catalog of the Eskimo crania (Proc. U. S. Nat. Mus., vol. 91, pp. 169–429, 1942).

It was once hoped that this series of catalogs might be extended also to cranial materials from Mexico, Central America, the Antilles, and South America, but except for Peru the collections from these regions are still scarce, much of these vast territories being entirely unrepresented. For the present, therefore, nothing systematic covering these areas is feasible.

It may be useful to show the field covered by the six previous catalogs. These were as follows:

1. The Eskimo, Alaska and Related Indians, Northeastern Asiatics: Proc. U. S. Nat. Mus., vol. 63, art. 12, 51 pp., 1924. (Long out of print and wholly replaced by the 1942 catalog on the Eskimo in general and by the present number.)

2. The Algonkin and Related Iroquois, Siouan, Caddoan, Salish and Sahaptin, Shoshonean, and Californian Indians: *Ibid.*, vol. 69, art. 5, 127 pp., 1927.

3. Australians, Tasmanians, South African Bushmen, Hottentots, and Negro: *Ibid.*, vol. 71, art. 24, 140 pp., 1928.

4. Pueblos, Southeastern Utah Basket-makers, Navaho: *Ibid.*, vol. 78, art. 2, 95 pp., 1931.

5. Indians of the Gulf States: *Ibid.*, vol. 87, pp. 315–464, 1940.

6. Eskimo in General: *Ibid.*, vol. 91, pp. 169–429, 1942.

Meanwhile, since 1926, important collections were gathered in Alaska and the neighboring parts of the Northwest Coast on the Indian and other non-Eskimo groups of the region. These included materials from two hitherto unknown large groups, the Pre-Koniag of Kodiak Island and the Pre-Aleuts of the Aleutian Archipelago. The detailed measurements of the crania of all these are given in the present catalog. This includes, therefore, data on the crania from the following localities:

1. The Northwest Coast.
2. Southeastern Alaska.
3. Southwestern Alaska.
4. The Yukon.
5. Shageluk Slough.
6. The Alaska Peninsula.
7. Kodiak Island (Koniag).
8. Kodiak Island (Pre-Koniag).
9. Aleutian Islands (Aleut).
10. Aleutian Islands (Pre-Aleut).
11. Siberia.

The methods of measurement were outlined in the 1942 catalog on the Eskimo in general, and comparisons as well as other details are given in the same catalog and also in two papers now in press.[1] The present data will require, therefore, but little discussion. This will be found at the conclusion of this paper.

[1] "Anthropology of Kodiak Island" and "Anthropology of the Aleutian and Commander Islands," Wistar Institute, Philadelphia.

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
XVI-A-6	Nat. Mus. Canada.	Lytton	50		18.3	14.0		*76.5*							
XVI-A-83	do	Spencers Bridge	80		17.5	14.0	13.3	*80.0*	*84.44*		14.93				
99-1185	A.M.N.H.	Lytton	60		18.2	14.6		*80.2*							
99-1057	do	do	60		18.1	14.6	14.3	*80.7*	*87.46*		15.67				7.7
XVI-A-13	Nat. Mus. Canada.	50 miles above Prince Rupert.	65		17.6	14.2	12.9	*80.7*	*81.13*		14.90				
99-1567	A.M.N.H.	Port Hammond	55		17.7	14.4	13 0	*81.4*	*81.0*		15.03				
99-4308	do	Thompson River	65		17.5	14.3	13.6	*81.7*	*85.53*		15.13				
XVI-A-15	Nat. Mus. Canada.	Spencers Bridge	60		17.6	14.4	13.2	*81.8*	*82.50*		15.07				7.8
XVI-A-20	do	do	80		18.0	14.8	12.8	*82.2*	*78.05*		15.20				
XVI-A-10	do	Lytton	55		17.4	14.5	13 4	*83.3*	*84.01*		15.10				7.3
XVI-A-68	do	Kamloops	35		17.2	14.6	14.0	*84.9*	*88.05*		15.27				
Specimens			(11)		(11)	(11)	(9)	(11)	(9)		(9)				(3)
Totals			615		195.1	158.4	120.5				136.3				22.8
Averages			55.9		17.74	14.40	13.39	*81.19*	*83.57*		15.14				7.60
Minima			30		17.2	14.0	12 8	*76.5*	*78.1*		14.90				
Maxima			80		18.3	14.8	14.3	*84.9*	*88.1*		15.67				

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maximum.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
XVI–A–6																					
XVI–A–83	14.4			10.0					3.5		3.8		*92.11*								
99–1185																					
99–1057	14.3			10.6	9.0	10.6			3.55		4.15		*85.54*		5.1	2.6	*50.98*				
XVI–A–13	14.9			10.0	9.1	10.0			3.85	3.9	4.1	4.05	*93.90*	*96.30*	5.1	2.55	*50.0*				
99–1567				10.3																	
99–4308	14.3			10.4	9.2	10.4			3.5	3.5	4.0	3.9	*87.50*	*89.74*	4.8	2.3	*47.92*				4.0
XVI–A–15	14.3			10.4	9.4	10.4	68.0	57.0	3.35	3.3	3.7	3.65	*90.54*	*90.41*	5.65	2.2	*38.94*	5.5	6.4	*85.94*	3.5
XVI–A–20			*54.55*	10.4																	
XVI–A–10	13.5		*54.07*	9.8	8.8	10.3	73.0	55.5	3.5		4.1		*85.37*		5.3	2.6	*49.06*	5.7	6.3	*90.48*	
XVI–A–68						10.2															
Specimens	(6)		(3)	(3)	(5)	(9)	(3)	(3)	(3)	(3)	(6)	(3)	(6)	(3)	(5)	(5)	(5)	(2)	(2)	(2)	(2)
Totals	85.7			30.9	45.5	92.6	209.0	160.0	10.7	10.7	23.85	11.6			25.95	12.25		11.2	12.7		7.5
Averages	14.28		*54.16*	10.30	9.10	10.29	69.7	53.3	3.57	3.57	3.97	3.87	*89.10*	*92.24*	5.19	2.45	*47.81*	5.60	6.35	*88.2*	3.75
Minima	13.5			8.8	8.8	10.0			3.35		3.7		*85.37*		4.8	2.2	*38.94*				
Maxima	14.9			9.4		10.6			3.85		4.15		*93.90*		5.65	2.6	*50.98*				

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in e. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
XVI-A-11	Nat. Mus. Can.	Lytton	40		17.2	13.4	13.2	*77.9*	*86.3*		14.60				6.7
99-1062	A.M.N.H	do	25		17.3	13.5	13.1	*78.0*	*85.1*		14.63				
99-4307	do	Thompson River	22		17.4	13.6	13.5	*78.2*	*87.1*		14.83			11.2	6.9
XVI-A-5	Nat. Mus. Can.	Lytton	65		17.3	13.8	12.6	*79.8*	*81.0*		14.57				
99-1223	A.M.N.H	do	55		16.6	13.4	12.9	*80.7*	*86.0*		14.30				
XVI-A-8	Nat. Mus. Can.	do	40		17.2	13.9	13.0	*80.8*	*83.6*		14.70				7.4
XVI-B-11	do	Haida	24		17.7	14.3	13.8	*80.8*	*86.3*		15.27			12.0	7.5
XVI-A-86	do	Spencers Bridge	35		16.8	13.7	12.1	*81.5*	*79.3*		14.20				6.5
99-98	A.M.N.H	do	35		16.2	13.2	12.4	*81.5*	*84.4*		13.93			9.9	6.2
XVI-A-16	N.M.C	do	55		17.9	14.6	12.8	*81.6*	*73.8*		15.10				7.0
99-4313	A.M.N.H	Thompson River	30		16.6	13.6	12.4	*81.9*	*82.1*		14.20			11.7	7.1
XVI-A-7	Nat. Mus. Can.	Lytton	60		16.7	13.7	13.2	*82.0*	*86.8*		14.53				7.1
XVI-A-3	do	Kamloops	60		17.0	14.1	13.2	*82.9*	*84.9*		14.77				6.7
XVI-A-27	do	Spencers Bridge	30		16.8	14.0	12.3	*83.3*	*79.9*		14.37				6.7
XVI-A-69	do	Kamloops	60		16.9	14.4	13.6	*85.2*	*86.9*		14.97				
XVI-A-14	do	Lillooet	65		16.6	14.4	12.2	*86.7*	*78.7*		14.40				
Specimens			(16)		(16)	(16)	(16)	(16)	(16)		(16)			(4)	(11)
Totals			701		272.2	221.6	206.3				233.37			44.8	75.8
Averages			43.8		17.01	13.85	12.89	*81.4*	*83.6*		14.59			11.20	6.89
Minima			22		16.2	13.2	12.1	*77.9*	*78.7*		13.93			9.9	6.2
Maxima			65		17.9	14.6	13.8	*86.7*	*87.1*		15.27			12.0	7.5

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maximum.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
XVI–A–11	12.8	------	*52.3*	10.1	9.2	10.0	71.0	61.5	------	3.55	------	3.9	------	*91.0*	4.6	2.25	*48.9*	5.3	6.0	*88.3*	------
99–1062	------	------	------	------	------	10.2	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
99–4307	13.0	*56.2*	*58.1*	10.1	8.8	9.9	71.0	55.0	3.55	3.75	3.75	3.75	*94.7*	*100.0*	4.7	2.2	*46.8*	5.5	6.6	*83.3*	3.4
XVI–A–5	13.2	------	------	------	8.7	9.9	------	------	3.45	------	3.75	------	*92.0*	------	4.9	2.1	*42.9*	------	------	------	------
99–1223	------	------	------	------	------	9.4	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
XVI–A–8	12.8	*47.8*	*55.6*	10.0	8.6	9.7	66.0	45.5	3.5	3.5	3.6	3.5	*97.2*	*100.0*	5.4	2.55	*47.2*	5.5	6.1	*90.2*	------
XVI–B–11	13.5	*48.9*	*56.6*	10.4	8.8	9.8	69.0	46.5	3.95	3.95	4.0	4.0	*98.7*	*98.7*	5.05	2.45	*48.5*	5.7	6.8	*89.8*	------
XVI–A–86	12.9	*50.4*	*60.4*	9.5	8.6	9.5	70.0	58.0	3.55	3.5	3.7	3.6	*96.9*	*97.2*	4.6	2.4	*52.2*	5.0	6.0	*83.3*	2.7
99–98	12.4	*50.0*	*60.0*	9.3	8.2	9.5	72.0	46.0	3.25	3.2	3.6	3.55	*99.3*	*99.1*	4.7	2.35	*50.0*	4.9	5.8	*84.5*	2.7
XVI–A–16	13.5	*51.9*	*61.9*	10.4	9.2	10.2	68.5	49.0	3.3	3.3	3.95	3.85	*83.5*	*85.7*	5.1	2.65	*52.0*	5.9	6.4	*92.2*	2.7
99–4313	13.3	*53.4*	*56.8*	10.2	8.9	9.6	65.0	49.0	3.3	3.3	3.8	3.7	*86.8*	*89.2*	5.0	2.45	*49.0*	5.3	6.2	*85.5*	------
XVI–A–7	12.5	*56.8*	*56.8*	10.2	9.0	9.7	65.0	50.0	3.6	3.55	3.85	3.85	*92.5*	*92.2*	5.1	2.3	*45.1*	5.6	6.4	*87.5*	3.7
XVI–A–3	13.–	------	*48.9*	9.8	8.8	10.0	71.5	53.0	3.45	3.5	4.1	4.0	*84.2*	*87.5*	4.95	2.35	*47.5*	5.2	5.9	*88.1*	------
XVI–A–27	13.5	------	*49.5*	9.8	8.6	9.4	66.0	47.5	3.45	3.45	3.8	3.75	*90.8*	*92.0*	4.85	2.15	*43.4*	5.2	6.2	*83.9*	------
XVI–A–69	13.5	------	------	------	8.6	10.0	------	------	3.8	3.7	4.05	3.95	*93.8*	*93.7*	5.3	2.3	*43.4*	5.2	6.0	*86.7*	------
XVI–A–14	------	------	------	------	7.8	9.2	------	------	3.5	3.6	3.8	3.6	*92.1*	*100.0*	5.2	2.75	*52.9*	5.4	6.2	*87.1*	------
Specimens	(13)	(4)	(11)	(11)	(14)	(16)	(11)	(11)	(13)	(13)	(13)	(13)	(13)	(13)	(14)	(14)	(14)	(12)	(13)	(13)	(3)
Totals	170.6	------	------	109.8	121.8	156.0	755.0	500.0	45.65	45.55	49.75	49.0	*91.8*	*93.6*	69.45	33.55	*48.3*	69.7	80.6	*86.5*	9.80
Averages	13.12	*85.8*	*52.7*	9.98	8.70	9.75	68.6	50.9	3.51	3.53	3.83	3.77	*93.5*	*95.7*	4.96	2.40	*48.3*	5.36	6.20	*83.2*	3.27
Minima	12.4	*79.8*	*48.9*	9.3	7.8	9.2	65.0	45.0	3.25	3.2	3.6	3.5	*83.5*	*85.7*	4.6	2.1	*42.9*	4.9	5.8	*83.2*	------
Maxima	13.7	*88.9*	*57.8*	10.4	9.2	10.2	72.0	61.5	3.95	3.95	4.1	4.0	*98.7*	*100.0*	5.4	2.75	*52.9*	5.7	6.8	*92.2*	------

[1] Allowance made for wear of teeth, where needed.

SOUTHEAST ALASKA INDIANS: MALES

(Dall and Pennock Islands)

TLINGIT

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Bäsion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*Julian Steward*)														
379170	U.S.N.M.	Bobs Bay (Dall Island).	40		18.9	15.0	14.1	*79.37*	*83.19*		16.00			13.4	8.0
379172	do	do	24		19.0	15.2	13.8	*80.0*	*80.70*		16.00			[1] 12.5	7.4
379166	do	do	30		18.7	15.2	13.8	*81.28*	*81.42*		15.90			12.0	7.5
379168	do	Pennock Island	55		18.8	15.5	13.8	*82.45*	*80.47*		16.03				7.7
379167	do	do	30		17.9	14.8	14.2	*82.68*	*86.85*		15.63			12.7	7.9
379165	do	do	55		17.8	15.1	13.5	*84.83*	*82.07*		15.47			[2] 12.3	7.4
Specimens			(6)		(6)	(6)	(6)	(6)	(6)		(6)			(5)	(6)
Totals			234		11.1	90.80	83.2				95.03			62.90	45.90
Averages			39.0		18.52	15.13	13.87	*81.73*	*82.42*		15.84			12.58	7.65
Minima			24		17.8	14.8	13.5	*79.4*	*80.5*		15.47			12.0	7.4
Maxima			55		19.0	15.5	14.2	*84.8*	*86.8*		16.03			13.4	8.0

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth, maximum.	*Nasal Index*	Upper Alveolar Arch—Length, maxim.	Upper Alveolar Arch—Breadth, maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
379170	15.1	*88.74*	*52.98*	11.1	9.9	11.2	68.5	56.5	3.5	3.6	4.4	4.3	*79.55*	*83.72*	5.1	2.5	*42.02*	6.0	7.2	*83.33*	-----
379172	14.9	*83.89*	*49.66*	10.7	9.6	10.4	57.0	56.0	3.5	3.55	4.1	4.0	*85.37*	*83.76*	5.05	2.8	*55.45*	5.7	7.2	*79.17*	-----
379166	15.4	*77.92*	*48.70*	10.5	9.4	10.8	71.5	56.5	3.6	3.6	4.0	3.9	*90.07*	*92.31*	5.15	2.5	*48.54*	5.6	6.7	*83.58*	-----
379168	15.2	-----	*50.66*	9.8	8.7	10.2	69.5	57.0	3.8	3.8	4.3	4.2	*88.37*	*90.48*	5.15	2.65	*61.46*	5.6	6.8	*89.06*	-----
379167	14.7	*86.39*	*53.74*	10.0	9.0	10.2	68.0	59.0	3.8	3.75	4.1	4.0	*92.68*	*93.75*	5.4	2.4	*44.44*	5.7	6.4	*89.06*	-----
379165	15.1	*81.46*	*49.01*	10.5	9.5	10.2	67.0	54.5	3.25	3.2	4.0	3.9	*81.25*	*82.05*	5.45	2.75	*50.46*	5.7	6.8	*83.32*	-----
Specimens	(6)	(5)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(5)	(6)	(6)	(6)	-----
Totals	90.4	-----	-----	62.6	56.1	63.0	411.5	339.5	21.45	21.50	24.90	24.30	*89.14*	*88.48*	31.3	15.60	*49.84*	34.3	41.10	-----	-----
Averages	15.07	*83.64*	*50.77*	10.43	9.35	10.50	68.58	56.55	3.58	3.58	4.15	4.05	*79.6*	*82.1*	5.22	2.60	*44.4*	5.72	6.85	*82.45*	-----
Minima	14.7	*77.9*	*48.7*	9.8	8.7	10.2	67.0	54.5	3.25	3.2	4.0	3.9	*92.7*	*93.8*	5.05	2.4	*44.4*	5.6	6.4	*79.2*	-----
Maxima	15.4	*88.7*	*53.7*	11.1	9.9	11.2	71.5	59.0	3.8	3.8	4.4	4.3	*92.7*	*93.8*	5.45	2.8	*55.4*	6.0	7.2	*89.1*	-----

[1] Near.
[2] Allowance made for wear of teeth.

SOUTHEAST ALASKA INDIANS: FEMALES

(Dall Island)

TLINGIT

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
379173	U.S.N.M.	Bobs Bay	20		[1] 17.8	14.6	13.4	*82.02*	*82.72*		15.27				
379171	do	do	50		17.2	14.3	13.5	*83.14*	*85.71*		15.00			[2] 12.4	7.4

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length, maxim.	Upper Alveolar Arch—Breadth, maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
379173																					
379171	14.0	*88.57*	*62.86*	10.6	9.2	10.0	64.5	51.5	3.7	3.7	4.0	3.9	*92.50*	*94.87*	4.8	2.8	*58.33*	5.7	6.7	*85.07*	

[1] Near.
[2] Allowance made for wear of teeth.

SOUTHEAST ALASKA INDIANS: MALES

HAIDA

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
304053	U.S.N.M.	Queen Charlotte Islands.	Adult.		17.7	14.4	13.6	*81.4*	*84.7*		15.23	1,400		12.4	7.7
304052	do	do	do		17.8	15.4	13.2	*86.5*	*79.5*		15.47	1,600		12.0	7.0

TLINGIT

300898	U.S.N.M.	Admiralty Island	Adult.		18.2	14.1	14.6	*77.5*	*90.4*		15.63	1,630		12.9	8.0
242885	do	Southeast Alaska	do		18.8	14.6	12.6	*77.7*	*75.4*		15.33	1,590			8.0
228795	do	do	55		19.0	14.9	13.9	*78.4*	*82.0*		15.93	1,505			7.1
304095	do	Admiralty Island	Adult.		18.8	14.8	13.8	*78.7*	*82.1*		15.80	1,620		12.4	7.8
300896	do	Prince of Wales Island.	do		18.3	14.4	13.3	*78.7*	*81.4*		15.33	1,450		12.1	7.7
242948	do	Near Sitka	do		19.3	15.2	14.6	*78.8*	*84.6*		16.37	1,580		12.8	8.0
243986	do	Southeast Alaska	do		18.2	14.4	12.2	*79.1*	*74.8*		14.93	1,410		10.4	6.6
273205	do	Near Wrangell	28		18.8	14.9	14.6	*79.3*	*86.6*		16.10	1,590		13.3	7.9
242932	do	Southeast Alaska	Adult.		17.8	14.2	13.4	*79.8*	*83.8*		15.13	1,530		11.6	7.4
242904	do	Near Sitka	Adult.		18.8	15.0	13.6	*79.8*	*80.5*		15.80	1,725		12.9	7.9
225255	do	Wrangell	do		18.8	15.1	12.9	*80.3*	*76.6*		15.60	1,610			
300894	do	Hecta Island, near Prince of Wales Island.	do		18.7	15.4	14.2	*82.4*	*83.3*		16.10	1,580		12.8	7.8
Specimens					(12)	(12)	(12)	(12)	(12)		(12)	(12)		(9)	(11)
Totals					223.5	177.0	163.7				188.1	18,820		111.2	84.2
Averages					18.63	14.75	13.64	*79.2*	*81.7*		15.67	1,568		12.36	7.65
Minima					17.8	14.1	12.2	*77.5*	*74.8*		14.93	1,410		10.4	6.6
Maxima					19.3	15.4	14.6	*82.4*	*90.4*		16.37	1,725		12.9	8.0

[1] Allowance made for wear of teeth, where needed.

SOUTHEAST ALASKA INDIANS: MALES—Continued

HAIDA

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
304053	13.4	*92.5*	*57.5*	10.2	9.2	10.1	67.0	57.0	3.7	3.8	3.85	3.85	*96.1*	*93.7*	5.6	2.6	*46.4*	5.3	6.8	*77.9*	3.4
304052	14.5	*82.8*	*48.3*	10.0	9.2	10.4	73.0	59.0	3.65	3.65	4.25	4.25	*85.9*	*85.9*	5.3	2.9	*54.7*	5.4	6.7	*80.6*	3.7

TLINGIT

300898	13.8	*93.5*	*58.0*	10.3	9.2	10.2	66.5	57.0	3.6	3.75	4.0	3.9	*90.0*	*96.1*	5.6	2.3	*41.1*	5.7	6.6	*86.4*	3.6
242885	14.7	------	*54.4*	10.8	9.2	10.2	61.0	50.0	3.4	3.55	4.1	3.9	*82.9*	*90.1*	5.2	2.45	*47.1*	6.1	7.0	*87.1*	------
228795	14.6	------	*46.0*	10.5	9.3	10.4	69.0	54.0	3.4	3.4	4.1	4.1	*82.9*	*82.9*	4.85	2.7	*55.7*	5.6	7.1	*78.9*	------
304095	15.3	*81.0*	*51.0*	10.0	9.1	10.0	67.5	61.5	3.6	3.6	4.2	4.1	*85.7*	*87.8*	5.4	2.5	*46.3*	5.5	6.4	*85.9*	------
300896	13.5	*89.6*	*57.0*	10.1	8.8	9.8	65.0	50.0	3.8	3.9	4.1	3.95	*92.7*	*98.7*	5.4	2.7	*50.0*	5.6	(5.8)	*(96.5)*	------
242948	14.9	*85.9*	*53.7*	10.8	10.0	11.3	72.0	64.0	3.5	3.7	3.8	3.9	*92.1*	*94.9*	5.7	2.5	*43.9*	5.9	6.8	*86.8*	------
243986	14.4	*72.2*	*45.8*	10.1	9.1	10.0	70.0	47.0	3.6	3.55	4.1	4.1	*87.8*	*86.6*	5.15	2.9	*56.3*	5.4	6.2	*87.1*	------
273205	14.4	*92.4*	*54.9*	10.3	9.4	10.5	69.0	62.5	3.75	3.8	4.2	4.1	*89.3*	*92.7*	5.4	2.25	*41.7*	5.7	6.8	*83.8*	3.5
242932	13.6	*85.3*	*54.4*	9.4	8.4	9.4	67.0	56.5	3.55	3.7	3.9	3.9	*91.0*	*94.9*	5.3	2.4	*45.3*	5.3	6.2	*85.5*	------
242901	14.9	*86.6*	*53.0*	10.7	9.3	10.4	66.0	50.5	3.65	3.8	4.4	4.2	*83.0*	*90.5*	5.5	2.9	*52.7*	5.6	7.1	*78.9*	3.6
225255	14.4	------	------	10.2	8.9	9.7	------	------	3.6	3.55	4.0	4.0	*90.0*	*88.8*	5.2	2.7	*51.9*	------	------	------	3.7
300894	14.8	*86.5*	*52.7*	10.4	9.2	10.7	70.0	52.0	3.55	3.6	4.15	4.1	*85.5*	*87.8*	5.7	3.0	*52.6*	5.4	7.1	*76.0*	------
Specimens	(12)	(9)	(11)	(12)	(12)	(12)	(11)	(11)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(12)	(11)	(10)	(10)	(4)
Totals	173.3	------	------	123.6	109.9	122.6	746.0	605.0	43.0	43.9	49.05	48.25	------	------	64.4	31.3	------	61.8	67.3	------	14.4
Averages	14.44	*85.8*	*53.0*	10.30	9.16	10.22	67.8	55.0	3.58	3.66	4.09	4.02	*87.7*	*91.0*	5.37	2.61	*48.6*	5.62	6.73	*83.5*	3.60
Minima	13.5	*72.2*	*45.8*	9.4	8.4	9.4	64.0	47.0	3.4	3.4	3.8	3.9	*82.9*	*82.9*	4.85	2.25	*41.1*	5.3	6.2	*76.0*	3.5
Maxima	15.3	*93.5*	*58.0*	10.8	10.0	11.3	72.0	64.0	3.8	3.9	4.4	4.2	*92.7*	*98.7*	5.7	3.0	*56.3*	6.1	7.1	*87.1*	3.7

SOUTHEAST ALASKA INDIANS: FEMALES

HAIDA

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
304051	U.S.N.M.	Queen Charlotte Islands.	Adult		17.4	14.2	13.0	*81.6*	*82.3*		14.87	1,240			7.0
304054	do	do	do		16.8	13.8	12.8	*82.1*	*83.7*		14.47	1,130			6.8

TLINGIT

369495	U.S.N.M.	Near Wrangell	45		18.0	14.2	13.1	*78.9*	*81.4*		15.10			11.9	7.2
242926	do	Southeast Alaska	Adult		18.4	14.6	13.2	*79.4*	*80.0*		15.40				7.3
300895	do	Admiralty Islands	do		18.0	14.3	12.9	*79.4*	*79.9*		15.07	1,310		11.4	6.9
242899	do	Southeast Alaska	do		17.0	13.9	13.2	*81.8*	*83.0*		14.70	1,370			6.4
3486	State Mus. Seattle.	Island northwest of Sitka.	do		17.4	14.4	13.0	*82.8*	*81.8*		14.93				7.1
300897	U.S.N.M.	Prince of Wales Island	do		17.4	14.4	12.1	*82.8*	*76.1*		14.63	1,450		11.7	7.3
329755	do	do	35		16.8	14.2	12.7	*84.5*	*81.7*		14.57			10.7	6.5
369496	do	Wrangell	60		17.3	14.7	12.2	*85.0*	*76.3*		14.73			12.2	7.1
329753	do	Prince of Wales Island	25		17.0	14.5	13.1	*85.3*	*83.2*		14.87			11.1	6.7
Specimens					(9)	(9)	(9)	(9)	(9)		(9)	(3)		(6)	(9)
Totals					157.3	129.2	115.5				134.0	4,130		69.0	62.5
Averages					17.48	14.36	12.83	*82.1*	*80.6*		14.89	1,377		11.50	6.94
Minima					16.8	13.9	12.1	*78.9*	*76.1*		14.57			10.7	6.4
Maxima					18.4	14.7	13.2	*85.3*	*83.2*		15.40			12.2	7.3

[1] Allowance made for wear of teeth, where needed.

SOUTHEAST ALASKA INDIANS: FEMALES—Continued

HAIDA

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
304051	13.3	------	*52.6*	9.1	8.2	9.6	72.0	60.0	3.3	3.4	4.0	3.8	*82.5*	*89.5*	4.7	2.3	*48.9*	4.8	6.2	*77.4*	------
304054	13.4	------	*50.8*	9.5	8.4	9.4	68.5	51.5	3.4	3.45	3.6	3.6	*94.4*	*95.8*	4.9	2.2	*44.9*	5.1	5.9	*86.4*	------

TLINGIT

369495	13.3	*89.5*	*54.1*	10.5	9.3	10.2	67.0	52.5	3.6	3.6	3.9	4.0	*92.3*	*90.0*	5.0	2.4	*48.0*	5.8	6.7	*86.6*	3.35
242926	13.1	------	*55.7*	9.2	8.3	9.7	71.0	56.5	3.65	3.65	3.75	3.8	*97.3*	*96.1*	5.5	2.5	*45.4*	4.9	6.1	*80.3*	------
300895	13.7	*83.2*	*60.4*	10.8	9.6	10.2	66.0	51.5	3.45	3.45	4.2	4.1	*82.1*	*84.1*	4.85	2.3	*47.4*	5.8	6.1	*95.1*	3.2
242899	------	------	------	9.8	8.8	10.0	73.0	50.5	3.3	3.4	3.9	3.7	*84.6*	*91.9*	4.8	(2.9)	*(60.4)*	5.4	6.8	*79.4*	------
3486	13.5	------	*52.6*	11.1	9.8	10.2	64.0	51.0	3.2	3.25	3.85	3.85	*83.1*	*84.4*	4.8	2.55	*53.1*	5.6	6.6	*84.8*	------
300897	13.2	*88.6*	*55.3*	9.4	8.2	9.2	65.5	50.0	3.85	3.8	4.15	4.05	*92.8*	*93.8*	5.3	2.5	*47.2*	5.3	6.0	*88.3*	------
329755	13.0	*82.3*	*50.0*	9.1	8.4	9.2	70.0	59.5	3.5	3.35	3.7	3.7	*94.6*	*90.5*	4.9	2.5	*51.0*	4.8	5.9	*81.4*	2.9
369496	13.9	*87.8*	*51.1*	10.0	8.7	9.6	66.0	52.0	3.6	3.7	4.0	4.1	*90.0*	*90.2*	4.7	2.7	*57.4*	5.3	6.5	*81.5*	3.4
329753	12.8	*86.7*	*52.3*	8.8	7.9	9.3	72.0	57.0	3.95	4.0	3.9	3.75	*101.3*	*106.7*	4.85	2.2	*45.4*	4.7	5.7	*82.5*	2.9
Specimens	(8)	(6)	(8)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(8)	(8)	(9)	(9)	(9)	(5)
Totals	106.5	------	------	88.7	79.0	87.6	614.5	480.5	32.1	32.2	35.35	35.05	------	------	44.7	19.65	------	47.6	56.4	------	15.75
Averages	13.25	*86.4*	*52.7*	9.86	8.78	9.73	68.3	53.4	3.57	3.58	3.93	3.89	*90.8*	*91.9*	4.97	2.46	*49.2*	5.29	6.27	*84.4*	3.15
Minima	12.8	*82.3*	*50.0*	8.8	7.9	9.2	64.0	50.0	3.2	3.25	3.7	3.7	*82.1*	*84.1*	4.7	2.2	*45.4*	4.7	5.7	*79.4*	2.9
Maxima	13.7	*89.5*	*55.7*	11.1	9.8	10.2	73.0	59.5	3.95	4.0	4.15	4.1	*101.3*	*106.7*	5.5	2.7	*57.4*	5.8	6.8	*95.1*	3.4

SOUTH AND SOUTHWEST ALASKA INDIANS: MALES

COPPER RIVER

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma Height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
379354	Dr. Chase	Near W. channel of Copper River.	55		18.8	14.2	13.1	*75.5*	*79.4*		15.37			12.7	7.8

CORDOVA

363604	(*A.H.*) U.S.N.M.	Indian burials near Cordova.	40		18.2	14.4	13.8	*79.1*	*84.7*		15.47			12.7	7.5

PRINCE WILLIAM SOUND ISLANDS

225040	U.S.N.M.	Cordova region	55		17.6	14.8	13.7	*84.1*	*84.6*		15.37	1,525			

KENAI PENINSULA

C-1	Nat. Mus. Can.	Kenai Peninsula	55		18.0	14.8	14.0	*82.2*	*85.4*		15.60				7.9

ILIAMNA LAKE

363593	(*A.H.*) U.S.N.M.	Knudsen Bay	60		17.6	15.2	13.6	*86.4*	*82.9*		15.47			12.2	7.2
Specimens			(5)		(5)	(5)	(5)	(5)	(5)		(5)			(3)	(4)
Totals			265		90.2	73.4	68.2				77.27			37.6	30.4
Averages			53.0		18.04	14.68	13.64	*81.4*	*83.4*		15.45			12.53	7.6

SOUTH AND SOUTHWEST ALASKA INDIANS: MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index,* $\left(\frac{a \times 100}{c}\right)$ *total*	*Facial Index,* $\left(\frac{b \times 100}{c}\right)$ *upper*	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
COPPER RIVER																					
379354	13.5	*94.1*	*57.8*	10.8	9.2	10.0	62.0	48.0	3.4	(3.1)	3.85	3.9	*88.3*	*(89.8)*	5.45	2.8	*51.4*	5.8	6.2	*93.5*	3.7
CORDOVA																					
363604	14.5	*87.6*	*51.7*	9.7	8.8	10.0	70.0	60.5	3.75	3.8	3.9	3.9	*93.2*	*97.4*	5.2	2.25	*43.3*	5.3	6.5	*81.5*	3.8
PRINCE WILLIAM SOUND ISLANDS																					
225040	15.0				8.8	10.0			3.4	3.4	4.0	3.85	*85.0*	*88.3*	5.2	2.6	*50.0*				
KENAI PENINSULA																					
C-1	14.2		*55.6*	10.6	9.3	10.3	66.0	54.0	4.0	4.1	4.0	4.05	*100.0*	*101.2*	5.35	2.55	*47.7*	5.7	6.7	*85.1*	
ILIAMNA LAKE																					
363593	14.3	*85.3*	*60.4*	9.6	8.4	9.8	69.5	49.5	3.8	3.9	4.45	4.4	*85.4*	*88.6*	5.2	2.8	*53.8*	5.2	6.2	*83.9*	3.5
Specimens	(5)	(3)	(4)	(4)	(5)	(5)	(4)	(4)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(4)	(4)	(4)	(3)
Totals	71.5			40.7	44.5	50.1	267.5	212.0	18.35	18.3	20.2	20.1			26.4	13.0		22.0	25.6		11.0
Averages	14.3	*89.09*	*53.8*	10.18	8.9	10.02	66.9	53.0	3.67	3.66	4.04	4.02	*90.84*	*91.04*	5.28	2.6	*49.2*	5.5	6.4	*85.94*	3.67

SOUTH AND SOUTHWEST ALASKA INDIANS: FEMALES

PRINCE WILLIAM SOUND ISLANDS

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
339757	U.S.N.M.	Cordova region	60		17.8	14.9	12.2	*83.71*	*74.62*		14.97				7.4
339756	do	do	55		16.8	14.2	12.1	*84.52*	*74.01*		14.37				7.6

ILIAMNA LAKE

	(A. H.)														
363596	U.S.N.M.	Knudsen Bay	24		16.1	13.6	12.0	*84.5*	*80.8*		13.90			10.9	6.7
363594	do	do	35		16.9	14.4	12.2	*86.2*	*78.5*		14.43			12.1	7.4
Specimens			(4)		(4)	(4)	(4)	(4)	(4)		(4)			(2)	(4)
Totals			174		67.6	57.1	48.5				57.7			23.0	29.1
Averages			43.5		16.90	14.28	12.13	*84.5*	*77.8*		14.43			11.50	7.27

PRINCE WILLIAM SOUND ISLANDS

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
339757	13.0		*56.9*	10.2	9.1	9.8	65.0	58.0	3.6	3.65	3.8	3.9	*94.7*	*93.6*	4.8	2.85	*59.4*	5.0	6.5	*76.9*	
339756	13.4		*56.7*	9.2	7.9	9.4	67.0	51.0	3.65	3.6	4.0	3.8	*91.3*	*94.7*	5.3	2.3	*43.4*	5.1	6.2	*82.3*	

SOUTH AND SOUTHWEST ALASKA INDIANS: FEMALES—Continued

ILIAMNA LAKE

363596	12.3	*88.6*	*54.5*	8.8	7.9	8.8	67.5	55.0	3.4	3.5	3.6	3.55	*94.4*	*98.6*	4.85	2.2	*45.4*	5.0	6.3	*79.4*	3.0
363594	12.9	*93.3*	*57.4*	9.1	8.3	9.1	66.0	61.5	3.35	3.25	3.55	3.55	*94.4*	*91.6*	5.05	2.45	*48.5*	5.2	6.7	*77.6*	3.7
Specimens	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(2)
Totals	51.6	.....	.....	37.3	33.2	37.1	265.5	225.5	14.0	11.0	14.95	14.8	.....	.....	20.0	9.8	.....	20.3	25.7	.....	6.7
Averages	12.90	*91.3*	*56.4*	9.32	8.30	9.27	66.4	56.4	3.50	3.50	3.74	3.70	*93.6*	*94.6*	5.0	2.45	*49.0*	5.08	6.43	*79.0*	3.35

YUKON INDIANS: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Modulo	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
345344	U.S.N.M.	Above Greyling River	35		18.6	14.8	13.8	*79.57*	*82.63*	.....	15.73	.....	Slight	12.5	7.7
343335	do	Near Holy Cross River	50		19.0	14.8	14.2	*77.89*	*84.02*	.....	16.0	.....	Medium	12.0	7.6
345314	do	Ghost Creek	55		17.7	14.0	13.2	*79.10*	*83.28*	.....	14.97	.....	Medium to pronounced.	[2]13.3	7.5
345393	do	do	50		18.6	14.1	14.3	*75.81*	*87.46*	.....	15.67	.....	Medium	13.9	8.4
345744 (small)	do	do	50		17.4	13.3	13.4	*76.44*	*87.39*	.....	14.70	.....	do	[2]11.6	7.1
351348	do	Kozherevski	55		18.3	13.6	13.5	*74.32*	*84.64*	.....	15.13	.....	do	12.8	7.2
345387	do	do	40		17.8	13.6	13.7	*76.40*	*87.26*	.....	15.03	.....	Moderate	12.8	7.9
345325	do	do	60		18.7	14.0	13.2	*74.87*	*80.73*	.....	15.30	.....	Marked	12.9	7.3
345731	do	do	60		18.4	14.0	13.6	*76.09*	*83.95*	.....	15.33	.....	do	12.8	7.7
363910 (probably Indian)	do	Above Russian Mission	45		19.1	14.5	14.4	*75.92*	*85.71*	.....	16.0	.....	Moderate	13.9	8.2
Specimens	.....	.....	(10)	.....	(10)	(10)	(10)	(10)	(10)	.....	(10)	.....	.....	(10)	(10)
Totals	.....	.....	500	.....	183.6	140.7	137.3	.....	.....	.....	153.87	.....	.....	128.5	76.6
Averages	.....	.....	50	.....	18.36	14.07	13.73	*76.68*	*84.67*	.....	15.39	.....	.....	12.85	7.66
Minima	.....	.....	35	.....	17.4	13.3	13.2	*74.32*	*80.73*	.....	14.70	.....	.....	11.6	7.1
Maxima	.....	.....	60	.....	19.1	14.8	14.4	*79.57*	*87.46*	.....	16.0	.....	.....	13.9	8.4

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
345344	14.4	*86.81*	*63.49*	10.5	9.3	10.0	64.0	55.0	3.3	3.4	3.85	3.8	*85.71*	*89.47*	5.15	2.3	*44.66*	5.8	6.5	*89.23*	3.9
345335	14.8	*81.08*	*51.35*	10.3	9.2	10.5	70.0	54.0	3.5	3.6	3.9	3.9	*89.74*	*92.31*	5.5	[2]2.6	*47.27*	5.7	7.1	*80.28*	3.8
345314	13.8	*96.38*	*64.86*	9.5	8.4	9.8	69.0	55.0	3.55	3.7	4.15	4.05	*85.54*	*91.36*	5.2	2.5	*48.08*	5.1	6.3	*80.95*	4.1
345393	14.3	*97.90*	*58.74*	10.4	9.2	10.4	66.0	57.0	3.5	3.65	3.9	3.9	*89.74*	*93.69*	5.55	2.65	*47.75*	5.7	6.8	*83.82*	4.8
345744 (small)	13.1	*88.65*	*54.20*	8.9	8.9	10.0	70.0	57.5	3.3	3.3	4.1	4.0	*80.49*	*88.60*	5.0	2.55	*51.0*	5.1	6.0	*82.26*	3.6
351318	12.7	*100.8*	*56.69*	10.2	8.8	10.0	68.0	45.0	3.4	3.5	3.85	3.95	*88.31*	*88.61*	5.2	2.4	*46.15*	6.6	6.6	*84.85*	4.0
345387	14.0	*91.43*	*56.43*	10.5	9.4	10.6	68.5	56.5	3.5	3.6	3.9	3.8	*89.74*	*94.74*	5.55	2.5	*45.05*	6.7	7.1	*78.87*	3.9
345325	14.1	*91.49*	*51.77*	9.8	8.6	9.9	68.5	54.0	3.65	3.65	4.1	4.0	*89.02*	*91.25*	4.95	2.5	*50.51*	5.8	6.5	*86.15*	4.5
345731	14.2	*90.14*	*54.23*	10.1	8.8	10.3	69.0	51.5	3.65	3.65	4.1	4.1	*89.02*	*89.02*	5.35	2.6	*48.60*	5.6	6.5	*86.15*	3.7
363910 (probably Indian).	13.7	*101.6*	*69.85*	10.2	9.0	10.2	66.0	55.0	3.65	3.65	4.2	4.2	*86.90*	*86.90*	5.05	2.35	*41.59*	5.6	6.5	*86.15*	4.1
Specimens	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Totals	139.1			101.4	89.6	101.7	679.0	540.5	35.0	35.7	40.05	39.7			53.1	21.95		55.6	66.1		40.4
Averages	13.91	*89.86*	*55.07*	10.14	8.96	10.17	67.9	54.1	3.50	3.57	4.01	3.97	*87.39*	*89.92*	5.31	2.50	*46.69*	5.56	6.61	*84.11*	4.04
Minima	12.7	*81.08*	*51.35*	9.5	8.4	9.8	64.0	45.0	3.3	3.3	3.85	3.8	*80.49*	*82.50*	4.95	2.3	*41.59*	5.1	6.0	*78.87*	3.6
Maxima	14.8	*101.6*	*69.85*	10.5	9.4	10.6	70.0	57.5	3.65	3.7	4.2	4.2	*89.74*	*94.74*	5.65	2.65	*51.0*	5.8	7.1	*89.23*	4.8

[1] Allowance made for wear of teeth, where needed.
[2] Near.

YUKON INDIANS: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
	(A. H.)														
345389	U.S.N.M.	Near Greyling River	25		17.4	14.2	13.0	*81.61*	*82.28*		14.87		Very slight	11.3	6.8
345331	do	Near Holy Cross	25		17.6	14.2	13.4	*80.68*	*84.28*		15.07		do	12.0	7.5
345716	do	do	50		17.6	13.5	12.0	*76.70*	*77.17*		14.37		Medium	11.9	7.0
345719	do	do	50		16.4	13.2	12.2	*80.49*	*82.43*		13.93		do	11.2	[2]6.8
345312	do	Ghost Creek	35		16.9	12.8	12.2	*75.74*	*82.15*		13.97		Slight	11.9	7.3
345391	do	do	25		17.1	13.0	13.8	*76.02*	*91.69*		14.63		Very slight	11.2	7.0
345392	do	do	55		17.1	13.7	13.4	*80.12*	*87.01*		14.73		Medium to considerable.		
351349	do	Kozherevski	55		17.3	13.4	12.9	*77.46*	*84.04*		14.53		Considerable	12.8	7.5
Specimens			(8)		(8)	(8)	(8)	(8)	(8)		(8)			(7)	(7)
Totals			320		137.4	108.0	102.9				116.1			82.3	49.9
Averages			40		17.18	13.50	12.86	*78.60*	*83.86*		14.51			11.76	7.13
Minima			25		16.4	12.8	12.0	*75.74*	*77.17*		13.93			11.2	6.8
Maxima			55		17.6	14.2	13.8	*81.61*	*91.69*		15.07			12.8	7.5
KOBUK RIVER															
300216	U.S.N.M.	Shungnak Village	50		17.3	13.4	13.5	*77.5*	*87.9*		14.73			11.9	7.1

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
345389	12.8	*88.28*	*53.13*	9.3	8.0	9.3	69.0	48.5	3.35	3.35	3.8	3.7	*88.16*	*90.54*	4.75	2.35	*49.47*	5.1	6.1	*83.61*	3.45
345331	13.0	*92.31*	*57.69*	10.1	9.2	10.2	68.5	60.5	3.7	3.65	3.8	3.7	*97.37*	*98.65*	5.3	2.45	*46.23*	5.3	6.1	*86.89*	3.4
345716	13.4	*88.81*	*52.24*	9.9	8.8	9.8	68.5	51.0	3.4	3.45	3.8	3.7	*89.47*	*93.24*	5.0	2.4	*48.0*	5.2	6.1	*85.25*	3.7
345719	12.2	*91.80*	*55.74*	9.8	8.7	9.6	68.0	52.0	3.35	3.35	3.75	3.75	*89.33*	*89.33*	4.9	2.3	*46.94*	5.2	6.2	*83.87*	3.45
345312	12.8	*92.97*	*57.03*	9.2	8.0	9.0	64.5	53.0	3.65	3.65	3.8	3.7	*96.05*	*98.65*	4.9	2.3	*46.94*	5.2	5.9	*88.14*	3.75
345391	13.0	*86.15*	*53.85*	10.3	9.2	10.2	68.5	52.0	3.5	3.4	3.9	3.75	*89.74*	*90.67*	5.0	2.4	*48.0*	5.6	7.3	*76.71*	3.45
345392	13.1				8.4	9.4			3.7	3.6	3.95	3.85	*93.67*	*93.51*	4.95	2.35	*47.47*				3.2
351349	13.0	*98.46*	*57.69*	9.9	8.6	9.4	64.0	49.5	3.4	3.4	4.3	4.1	*79.07*	*82.93*	5.25	2.6	*49.52*	5.7	6.5	*87.69*	3.8
Specimens	(8)	(7)	(7)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(7)	(7)	(7)	(8)
Totals	103.3			68.5	68.9	76.9	471.0	366.5	28.05	27.85	31.1	30.25			40.05	19.15		37.3	44.2		28.2
Averages	12.91	*91.24*	*55.32*	9.79	8.61	9.61	67.3	52.4	3.51	3.48	3.89	3.78	*90.19*	*92.07*	5.01	2.39	*47.82*	5.33	6.31	*84.39*	3.52
Minima	12.2	*86.15*	*52.24*	9.2	8.0	9.0	64.0	48.5	3.35	3.35	3.75	3.7	*79.07*	*82.93*	4.75	2.3	*46.23*	5.1	5.9	*76.71*	3.2
Maxima	13.4	*98.46*	*57.69*	10.3	9.2	10.2	69.0	60.5	3.7	3.65	4.3	4.1	*97.37*	*98.65*	5.3	2.6	*49.52*	5.7	7.3	*88.14*	3.8
KOBUK RIVER																					
300216	13.4	*88.5*	*53.0*	9.2	7.8	9.6	71.0	48.5	3.3	3.3	3.9	3.75	*84.6*	*88.0*	4.9	2.6	*53.1*	5.5	6.4	*85.9*	3.9

[1] Allowance made for wear of teeth, where needed.
[2] Near.

SHAGELUK (YUKON) INDIANS: MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
345378	(*A. H.*) U.S.N.M.	Refuge Creek above Greyling River.	55		18.6	13.2	14.1	*70.97*	*83.68*		15.30		Considerable	[2]12.2	7.3
345369	do	Near Shageluk	60		18.3	13.1	13.8	*71.58*	*87.90*		15.07		do	[2]12.8	7.9
345356	do	do	60		18.5	13.9	14.8	*75.14*	*91.36*		15.73		do	[2]13.4	8.3
345371	do	Holokachakat	40		18.6	14.0	13.0	*75.27*	*79.75*		15.20		Slight	13.6	8.0
345379	do	Near Shageluk	60		18.3	13.8	13.6	*75.41*	*84.74*		15.23		Considerable	[2]12.6	7.6
Specimens			(5)		(5)	(5)	(5)	(5)	(5)		(5)			(5)	(5)
Totals			275		92.30	68.00	69.30				76.53			64.60	39.10
Averages			55		18.46	13.60	13.86	*73.67*	*86.46*		15.31			12.92	7.82
Minima			40		18.3	13.1	13.0	*70.97*	*79.75*		15.07			12.2	7.3
Maxima			60		18.6	14.0	14.8	*75.41*	*91.36*		15.73			13.6	8.3

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
345378	13.9	87.77	52.52	10.2	9.0	10.5	71.5	51.0	3.7	3.8	4.2	4.0	83.10	95.0	5.35	2.5	46.73	5.4	6.4	84.38	3.7
345369	13.4	95.52	68.96	10.3	9.3	10.4	68.0	58.0	3.6	3.8	4.1	4.1	87.80	92.68	5.65	2.5	44.25	------	------	------	4.0
345356	13.8	97.10	60.14	------	9.0	10.4	------	------	3.45	3.6	4.15	4.05	83.13	88.89	5.45	2.9	53.21	------	------	------	4.1
345371	13.7	99.27	58.39	10.5	9.0	10.0	64.0	52.0	3.25	3.3	3.65	3.6	89.04	91.67	5.15	2.05	39.81	5.9	6.2	95.16	4.25
345379	13.7	91.97	55.47	10.3	9.2	10.4	69.5	57.0	3.65	3.8	4.3	4.1	84.88	92.68	5.2	2.4	46.15	5.5	6.5	84.62	3.9
Specimens	(5)	(5)	(5)	(4)	(5)	(5)	(4)	(4)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(3)	(3)	(3)	(5)
Totals	68.50	------	------	41.30	45.50	51.70	273.0	218.0	17.65	18.30	20.40	19.85	86.52	92.19	26.8	12.35	------	16.80	19.10	------	19.95
Averages	13.70	94.31	67.08	10.33	9.10	10.34	68.25	54.50	3.53	3.66	4.08	3.97	86.52	92.19	5.36	2.47	46.08	5.60	6.37	87.97	3.99
Minima	13.4	87.77	52.52	10.2	9.0	10.0	64.0	51.0	3.25	3.3	3.65	3.6	83.13	88.89	5.15	2.05	39.81	5.4	6.2	84.38	3.7
Maxima	13.9	99.27	60.14	10.5	9.3	10.5	71.5	58.0	3.7	3.8	4.3	4.1	89.04	95.0	5.65	2.9	53.21	5.9	6.5	95.16	4.25

[1] Allowance made for wear of teeth, where needed.

[2] Near.

SHAGELUK (YUKON) INDIANS: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (aj)[1]	Alveol. Pt.-Nasion Height (b)
345364	U.S.N.M.	Near Shageluk	60		17.6	12.8	13.4	*72.73*	*88.16*		14.60		Considerable	[2]12.9	7.6
345380	do	do	35		18.2	13.3	13.5	*73.08*	*85.71*		15.0		Moderate	12.2	7.7
345361	do	do	20		18.1	13.4	13.4	*74.03*	*85.08*		14.97			11.6	7.1
345382 (large)	do	do	65		18.4	13.7	14.4	*74.46*	*89.72*		15.50		Considerable	[2]12.3	7.0
345383	do	do	45		17.6	13.2	12.8	*75.0*	*83.12*		14.53		Medium to considerable.	[2]13.6	8.1
345359	do	Holokaehakat	20		17.4	13.2	12.7	*75.86*	*80.89*		14.43			12.1	7.6
345363	do	Near Shageluk	28		17.3	13.2	12.4	*76.30*	*81.31*		14.30		Slight	11.8	7.3
345366 (massive)	do	do	50		18.4	14.1	13.8	*76.63*	*84.92*		15.43		Medium	12.4	7.3
345360	do	do	35		17.2	13.2	13.6	*76.74*	*89.47*		14.67		Slight	11.4	7.1
345353	do	do	65		17.4	13.4	13.4	*77.01*	*87.01*		14.73		Considerable	-----	[2]6.9
345370	do	Near Greyling River (Refuge Creek).	50		17.3	13.3	13.0	*77.33*	*85.25*		14.50		Medium	12.5	7.5
345377	do	Near Shageluk	55		17.6	13.7	13.2	*77.84*	*84.35*		14.83		Medium to considerable.	[2]13.0	7.6
345381	do	do	30		16.8	13.6	12.6	*80.95*	*82.89*		14.33		Slight	13.1	8.1
Specimens			(13)		(13)	(13)	(13)	(13)	(13)		(13)			(12)	(13)
Totals			558		229.3	174.10	172.2				191.82			148.9	96.9
Averages			42.9		17.64	13.39	13.25	*75.93*	*85.37*		14.76			12.41	7.45
Minima			20		16.8	12.8	12.4	*72.73*	*80.89*		14.30			11.4	6.9
Maxima			65		18.4	14.1	14.4	*80.95*	*89.72*		15.50			13.6	8.1

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth max-im.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
345364	12.9	*100.0*	*55.91*	10.1	8.6	9.7	64.5	45.5	3.8	3.9	4.1	4.1	*92.68*	*95.12*	5.4	2.6	*48.15*	5.5	6.2	*88.71*	3.6
345380	12.9	*94.57*	*59.69*	10.2	9.0	10.4	69.0	54.5	3.7	3.75	4.0	3.95	*92.50*	*94.94*	5.3	2.4	*45.28*	5.5	6.4	*85.94*	3.45
345361	12.0	*96.67*	*60.17*	9.6	8.8	9.9	71.0	62.0	3.4	3.5	3.7	3.6	*91.89*	*97.22*	5.0	2.2	*44.0*	5.1	5.9	*86.44*	3.25
345382 (large)	12.9	*95.55*	*54.39*	9.9	9.0	10.4	74.0	58.0	3.3	3.5	4.1	3.9	*89.49*	*89.74*	5.1	2.6	*50.98*	5.4	6.5	*83.08*	3.9
345383	13.3	*102.3*	*60.90*	10.2	8.6	9.9	64.0	48.5	3.8	3.55	4.1	3.8	*92.68*	*93.42*	5.35	2.3	*42.99*	5.7	6.4	*89.06*	4.1
345359	12.9	*93.80*	*58.91*	9.4	8.4	9.6	63.0	58.5	3.75	3.8	3.8	3.75	*98.68*	*101.3*	5.3	2.2	*41.51*	5.2	6.5	*80.0*	3.45
345363	12.5	*94.40*	*58.40*	10.0	8.9	9.8	66.5	51.5	3.45	3.45	----	----	*90.79*	*90.79*	5.1	2.4	*47.06*	5.5	6.0	*91.67*	3.45
345366 (massive)	13.5	*91.85*	*54.07*	9.8	8.8	10.1	71.0	58.0	3.4	3.45	3.8	3.8	*87.18*	*87.50*	5.0	2.5	*50.0*	5.7	6.6	*86.96*	3.75
345360	13.5	*84.44*	*54.59*	9.7	8.6	10.0	71.0	52.0	3.45	3.5	4.2	4.0	*82.14*	*87.50*	5.15	2.55	*49.51*	5.5	6.2	*88.71*	3.45
345353	13.0	*62.63*	*52.63*	9.5	8.5	10.3	----	----	3.3	3.5	3.95	3.85	*83.54*	*90.91*	5.1	2.4	*47.06*	5.5	6.5	*84.62*	3.5
345370	12.5	*60.0*	*58.46*	9.4	8.4	9.4	66.5	60.0	3.6	3.5	4.05	3.95	*88.89*	*88.61*	5.2	2.3	*44.23*	5.4	6.1	*88.52*	3.85
345377	13.0	*100.0*	*63.48*	9.4	8.4	9.3	66.0	58.0	3.6	3.6	3.8	3.8	*94.74*	*94.74*	5.2	2.4	*46.15*	5.4	6.7	*80.60*	3.7
345381	12.8	*102.3*	*63.48*	9.3	8.0	9.3	64.5	53.5	3.8	3.9	3.9	3.8	*97.44*	*102.6*	5.5	2.3	*41.82*	5.3	6.6	*80.30*	3.9
Specimens	(13)	(12)	(13)	(12)	(13)	(13)	(12)	(12)	(12)	(13)	(12)	(13)	(12)	(13)	(13)	(13)	(13)	(13)	(13)	(13)	(13)
Totals	167.7	----	----	117.0	112.6	128.2	811.0	663.0	42.9	46.9	47.60	50.10	----	----	67.70	31.15	70.70	82.60	----	----	47.35
Averages	12.90	*96.25*	*57.78*	9.75	8.67	9.86	67.58	55.25	3.58	3.61	3.97	3.85	*90.13*	*93.61*	5.21	2.40	*46.01*	5.44	6.35	*85.59*	3.64
Minima	12.0	*84.44*	*52.63*	9.3	8.0	9.3	63.0	45.5	3.3	3.45	3.7	3.6	*80.49*	*87.50*	5.0	2.2	*41.51*	5.1	5.9	*80.0*	3.25
Maxima	13.5	*102.3*	*60.90*	10.2	9.0	10.4	74.0	62.0	3.8	3.9	4.1	4.1	*98.68*	*102.6*	5.5	2.6	*50.98*	5.7	6.7	*91.67*	4.1

[1] Allowance made for wear of teeth, where needed.

[2] Near.

NORTHWEST CANADA INDIANS: MALES

(Dené)

TUKKUTHKUCHIN

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
243446	U.S.N.M	Fort McPherson, Peel River.	Adult		18.5	14.6	13.2	*78.9*	*79.8*		15.43	1,440		12.4	7.5
243448	do	do	do		19.1	15.3	13.3	*80.1*	*77.3*		15.90	1,550		12.4	7.5
HARES															
243996	do	Fort Good Hope	Adult		18.0	14.9	13.4	*82.8*	*81.5*		15.43	1,700		11.9	7.0
Specimens					(3)	(3)	(3)	(3)	(3)		(3)	(3)		(3)	(3)
Totals					55.6	44.8	39.9				46.77	4,690		36.7	22.0
Averages					18.53	14.93	13.30	*80.6*	*79.5*		15.59	1,563		12.23	7.33

TUKKUTHKUCHIN

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
243446	15.3	*81.0*	*49.0*	10.4	9.3	10.3	68.0	54.5	3.45	3.5	4.1	4.05	*84.1*	*86.4*	5.4	2.4	*44.4*	6.2	7.0	*88.6*	4.2
243448	14.5	*85.5*	*51.7*	10.5	9.4	10.4	68.5	52.5	3.2	3.2	4.0	3.95	*80.0*	*81.0*	5.5	2.6	*47.3*	5.7	6.6	*86.4*	3.8
HARES																					
243996	14.4	*82.6*	*48.6*	10.3	9.3	9.9	67.0	52.5	3.25	3.2	4.1	4.05	*79.3*	*79.0*	5.2	2.45	*47.1*	5.7	6.9	*82.6*	3.65
Specimens	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Totals	44.2			31.2	28.0	30.6	203.5	159.5	9.9	9.9	12.2	12.05			16.1	7.45		17.6	20.5		11.65
Averages	14.73	*83.0*	*49.8*	10.40	9.33	10.20	67.8	53.2	3.30	3.30	4.07	4.02	*81.1*	*82.2*	5.37	2.48	*46.8*	5.87	6.83	*85.9*	3.88

NORTHWESTERN AND ALASKAN INDIAN CRANIA

(General Abstract)

Measurement	MALES							FEMALES					
	Northwest coast	Southeast Alaska		Southwest Alaska	Yukon Indians	Shageluk (Yukon) Indians	Northwest Dené, Canada	Northwest coast	Southeast Alaska		Southwest Alaska	Yukon Indians	Shageluk (Yukon) Indians
		Haida	Tlingit						Haida	Tlingit			
Approximate mean age	(11) 55.9	(2) (Adult)	(18) (Adult)	(5) 53.0	(10) 50.0	(5) 55.0	(3) (Adult)	(16) 43.8	(2) (Adult)	(11) (Adult)	(4) 43.5	(8) 49.0	(13) 42.9
Vault:													
Length	(11) 17.74	(2) 17.75	(18) 18.59	(5) 18.04	(10) 18.36	(5) 18.46	(3) 18.53	(16) 17.01	(2) 17.10	(11) 17.48	(4) 16.99	(8) 17.18	(13) 17.64
Breadth	(11) 14.40	(2) 14.90	(18) 14.88	(5) 14.68	(10) 14.07	(5) 13.60	(3) 14.93	(16) 13.85	(2) 14.0	(11) 14.37	(4) 14.28	(8) 13.50	(13) 13.39
Height	(9) 13.39	(2) 13.40	(18) 13.72	(5) 13.64	(10) 13.73	(5) 13.86	(3) 13.30	(16) 12.89	(2) 12.9	(11) 12.95	(4) 12.13	(8) 12.86	(13) 13.25
Cranial index	(11) *81.2*	(2) *83.9*	(18) *80.0*	(5) *81.4*	(10) *76.6*	(5) *73.7*	(3) *80.6*	(16) *81.4*	(2) *81.9*	(11) *82.2*	(4) *84.5*	(8) *78.6*	(13) *75.9*
Mean height index	(9) *83.6*	(2) *82.1*	(18) *82.0*	(5) *83.4*	(10) *84.7*	(5) *86.5*	(3) *79.5*	(16) *83.6*	(2) *83.0*	(11) *81.3*	(4) *77.8*	(8) *83.9*	(13) *85.4*
Module	(9) 15.14	(2) 15.35	(18) 15.73	(5) 15.45	(10) 15.39	(5) 15.31	(3) 15.59	(16) 14.59	(2) 14.67	(11) 14.93	(4) 14.43	(8) 14.51	(13) 14.76
Capacity	----------	(2) 1,500	(12) 1,568	(1) (1525)	----------	----------	(3) 1,563	----------	(2) 1,185	(3) 1,377	----------	----------	----------
Face:													
Total height	----------	(2) 12.20	(14) 12.44	(3) 12.53	(10) 12.85	(5) 12.92	(3) 12.23	(4) 11.20	----------	(7) 11.63	(2) 11.50	(7) 11.76	(12) 12.41
Upper height	(3) 7.60	(2) 7.35	(17) 7.65	(4) 7.6	(10) 7.66	(5) 7.82	(3) 7.33	(11) 6.89	(2) 6.9	(10) 6.99	(4) 7.27	(7) 7.13	(13) 7.45
Maximum breadth	(6) 14.28	(2) 13.95	(18) 14.65	(5) 14.3	(10) 13.91	(5) 13.70	(3) 14.73	(13) 13.12	(2) 13.35	(9) 13.39	(4) 12.90	(8) 12.91	(13) 12.90
Facial index: Total	----------	(2) *87.5*	(14) *85.0*	(3) *89.09*	(10) *89.9*	(5) *94.3*	(3) *83.0*	(4) *85.8*	----------	(7) *86.7*	(2) *(91.3)*	(7) *91.2*	(12) *96.3*
Facial index: Upper	(3) *54.2*	(2) *52.7*	(17) *52.2*	(4) 53.8	(10) *55.1*	(5) *57.1*	(3) *49.8*	(11) *52.7*	(2) *51.7*	(9) *52.7*	(4) *56.4*	(7) *55.3*	(13) *57.8*
Base, etc.:													
Endobasion-Prealveolar point	(3) 10.30	(2) 10.10	(18) 10.34	(4) 10.18	(10) 10.14	(4) 10.33	(3) 10.40	(11) 9.98	(2) 9.30	(10) 9.93	(4) 9.32	(7) 9.79	(12) 9.75
Endobasion-Subnasal point	(5) 9.10	(2) 9.20	(18) 9.22	(5) 8.9	(10) 8.96	(5) 9.10	(3) 9.33	(14) 8.7	(2) 8.30	(10) 8.82	(4) 8.30	(8) 8.61	(13) 8.67
Endobasion-Nasion	(9) 10.29	(2) 10.25	(18) 10.31	(5) 10.02	(10) 10.17	(5) 10.31	(3) 10.20	(16) 9.75	(2) 9.50	(10) 9.76	(4) 9.27	(8) 9.61	(13) 9.86
Facial angle	(3) 69.7	(2) 70.0	(17) 68.09	(4) 66.9	(10) 67.9	(4) 68.3	(3) 67.8	(11) 68.6	(2) 70.2	(10) 67.90	(4) 66.4	(7) 67.3	(12) 67.6
Alveolar angle	(3) 53.3	(2) 58.0	(17) 55.56	(4) 53.0	(10) 54.1	(4) 54.5	(3) 53.2	(11) 50.9	(2) 55.8	(10) 53.20	(4) 56.4	(7) 52.4	(12) 55.3

Orbits:													
Mean height	(6) 3.55	(2) 3.70	(18) 3.61	(5) 3.67	(10) 3.51	(5) 3.60	(3) 3.30	(13) 3.52	(2) 3.39	(10) 3.59	(4) 3.50	(8) 3.50	(13) 3.60
Mean breadth	(6) 3.94	(2) 4.05	(18) 4.07	(5) 4.03	(10) 3.99	(5) 4.03	(3) 4.01	(13) 3.80	(2) 3.75	(10) 3.91	(4) 3.72	(8) 3.81	(13) 3.91
Mean index	(6) *90.1*	(2) *91.4*	(18) *88.6*	(5) *90.9*	(10) *88.6*	(5) *89.4*	(3) *81.7*	(13) *92.7*	(2) *90.3*	(10) *91.7*	(4) *94.1*	(8) *91.1*	(13) *91.9*
Nose:													
Height	(5) 5.19	(2) 5.45	(18) 5.32	(5) 5.28	(10) 5.31	(5) 5.36	(3) 5.37	(14) 4.96	(2) 4.80	(10) 4.95	(4) 5.0	(8) 5.01	(13) 5.21
Breadth	(5) 2.45	(2) 2.75	(18) 2.61	(5) 2.6	(10) 2.50	(5) 2.47	(3) 2.48	(14) 2.10	(2) 2.25	(9) 2.25	(4) 2.45	(8) 2.39	(13) 2.40
Nasal index	(5) *47.2*	(2) *50.5*	(18) *49.0*	(5) *49.2*	(10) *47.0*	(5) *46.1*	(3) *46.3*	(14) *48.3*	(2) *46.9*	(9) *50.2*	(4) *49.0*	(8) *47.8*	(13) *46.0*
Upper Alveolar Arch:													
Length	(2) 5.60	(2) 5.35	(17) 5.65	(5) 5.5	(10) 5.56	(3) 5.60	(3) 5.87	(13) 5.36	(2) 4.95	(10) 5.33	(1) 5.08	(7) 5.33	(13) 5.41
Breadth	(2) 6.35	(2) 6.75	(16) 6.78	(5) 6.4	(10) 6.61	(3) 6.37	(3) 6.83	(13) 6.20	(2) 6.05	(10) 6.31	(1) 6.43	(7) 6.31	(13) 6.35
Index	(2) *88.2*	(2) *79.3*	(16) *83.5*	(5) *85.94*	(10) *84.1*	(3) *88.0*	(3) *85.9*	(13) *86.5*	(2) *81.8*	(10) *84.5*	(4) *79.0*	(7) *84.4*	(13) *85.6*
Lower jaw:													
Height at symphysis	(2) 3.75	(2) 3.55	(4) 3.60	(3) 3.67	(10) 4.04	(5) 3.99	(3) 3.83	(3) 3.27	----------	(5) 3.15	(2) 3.35	(8) 3.52	(13) 3.64

ALASKA PENINSULA: MALES

(Mixed Group: Eskimo–Koniag–Aleut)

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity In c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(A. H.)														
363559	U.S.N.M.	Kvichak River	65		18.7	14.2	12.8	*75.94*	*77.81*		15.23			12.7	7.3
363587	do	do	40		18.5	14.1	13.6	*76.21*	*83.44*		15.40			12.7	7.7
363582	do	Pawik, Naknek River	35		18.0	14.0	12.4	*77.78*	*77.50*		14.80			12.9	7.7
363570	do	do	60		17.5	13.8	13.4	*78.86*	*85.62*		14.90				
363578	do	do	40		18.2	14.4	13.9	*79.12*	*85.28*		15.50			12.5	7.1
363589	do	Egegik	60		18.4	14.6	13.3	*79.35*	*80.61*		15.43			12.8	7.7
363568	do	Pawik	24		18.5	14.7	13.8	*79.46*	*83.13*		15.67			12.2	7.7
363548	do	Kvichak River	30		18.8	15.0	14.8	*79.79*	*87.57*		16.20			12.8	7.8
363562	do	do	21		17.8	14.2	13.7	*79.79*	*85.63*		15.23			11.6	7.1
363560	do	do	60		18.4	14.7	13.4	*79.89*	*80.97*		15.50			13.3	7.8
363589 δ	do	do	65		17.4	14.1	12.7	*81.03*	*80.63*		14.73			12.3	6.9
363556	do	do	45		18.2	14.8	13.2	*81.32*	*89.0*		15.40			12.6	7.2
363557	do	do	50		17.6	14.4	13.8	*81.82*	*83.25*		15.27			13.0	8.1
363574	do	Pawik	65		18.0	15.0	12.7	*83.33*	*76.97*		15.23			12.8	7.6
363592	do	Egegik	45		17.7	14.8	13.7	*83.62*	*84.31*		15.40			12.6	7.6
363552 δ	do	Kvichak River	35		17.4	14.6	12.8	*83.91*	*89.0*		14.93			12.8	7.8
363579	do	Pawik	50		17.2	14.9	13.7	*86.63*	*85.36*		15.27			12.8	7.5
363577	do	do	35		17.5	15.2	13.3	*86.86*	*81.35*		15.33			12.8	7.6
363588	do	Egegik	65	Moderate lateral occipital flattening.	(17.8)	(15.4)	(14.6)				15.93			14.5	8.6
Specimens			(19)		(18)	(18)	(18)	(18)	(18)		(19)			(18)	(18)
Totals			890		323.8	261.5	241.0				291.36			229.7	136.8
Averages			46.8		17.99	14.53	13.39	*80.77*	*82.35*		15.33			12.76	7.6
Minima			21		17.2	13.8	12.4	*75.94*	*76.97*		14.73			11.6	6.9
Maxima			65		18.8	15.2	14.8	*86.86*	*87.57*		16.20			14.5	8.6

Catalog No.	Diam., Bizygromatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
363559	13.1	*96.95*	*55.73*	9.5	8.6	10.0	71.5	55.0	3.8	3.8	4.1	4.0	*92.68*	*95.0*	5.5	2.45	*44.55*	4.9	6.3	*77.78*	3.35
363587	14.8	*85.81*	*52.03*	10.3	8.8	10.0	66.0	44.5	3.5	3.5	4.0	3.8	*87.50*	*92.11*	5.55	2.5	*45.05*	5.7	7.2	*79.17*	3.7
363582	13.8	*93.48*	*55.80*	10.6	9.3	10.0	63.5	52.5	3.5	3.6	4.0	4.0	*87.50*	*90.0*	5.2	2.2	*42.31*	5.5	6.6	*83.33*	3.9
363570					9.0	10.3			3.6	3.6	4.0	3.8	*90.0*	*94.74*	5.4	2.2	*40.74*	5.3	6.8	*77.94*	3.4
363578	13.6	*91.91*	*52.21*	9.8	8.6	9.9	69.5	54.5	3.55	3.5	3.9	3.8	*91.03*	*92.11*	4.7	2.1	*44.68*	5.7	7.0	*81.43*	3.7
363589	14.3	*89.51*	*53.85*	10.1	9.0	10.2	68.5	56.5	3.55	3.6	4.2	4.15	*84.52*	*86.75*	5.35	2.3	*42.99*	5.5	6.7	*82.09*	3.55
363568	14.2	*85.92*	*54.23*	11.1	10.0	10.8	67.0	57.0	3.65	3.7	4.1	4.1	*89.02*	*90.24*	5.2	2.35	*45.19*	6.0	6.7	*89.55*	3.6
363548	14.5	*88.28*	*53.79*	10.6	9.3	11.4	75.0	53.0	3.35	3.35	3.9	3.7	*85.90*	*90.54*	5.4	2.7	*50.0*	5.7	6.7	*85.07*	3.7
363562	13.8	*84.06*	*51.45*	10.0	9.3	10.9	77.0	62.5	3.65	3.8	3.9	3.9	*93.59*	*97.44*	5.2	2.3	*44.23*	5.3	7.1	*74.65*	3.3
363560	14.3	*90.01*	*54.55*	10.7	9.5	10.9	70.0	46.0	3.5	3.6	4.15	4.15	*84.34*	*86.75*	6.1	2.7	*44.26*	5.5	6.7	*82.09*	3.6
363589	13.9	*88.49*	*49.64*	9.6	8.5	9.6	69.0	53.5	3.35	3.6	4.0	3.9	*83.75*	*92.31*	4.9	2.05	*41.84*	5.1	6.5	*78.46*	3.35
363556	14.0	*90.0*	*51.43*	9.7	8.5	10.2	73.0	60.5	3.6	3.8	4.1	4.3	*87.80*	*88.37*	5.3	2.6	*49.06*	5.1	6.4	*79.69*	3.4
363557	13.9	*93.52*	*58.27*	10.2	9.0	10.1	71.0	61.0	3.75	3.8	4.2	4.1	*89.26*	*92.68*	5.25	2.5	*47.62*	(5.8)	(6.2)	*(93.55)*	3.5
363574	14.7	*87.07*	*51.70*	10.8	9.6	10.2	65.0	56.0	3.45	3.35	3.9	3.8	*88.46*	*88.16*	5.1	2.3	*45.10*	5.9	6.9	*85.51*	3.55
363592	15.5	*81.29*	*49.03*	10.1	9.2	10.6	72.0	60.0	3.6	3.65	4.1	4.0	*87.80*	*91.25*	5.35	2.5	*46.73*	5.1	6.4	*79.69*	3.45
363552	13.5	*94.81*	*57.78*	9.1	7.9	9.7	69.0	50.0	3.7	3.9	3.8	3.8	*97.37*	*102.6*	5.7	2.4	*42.11*	4.8	6.3	*76.19*	3.6
363579	14.4	*88.85*	*52.08*	9.7	8.6	10.0	69.0	54.0	3.5	3.5	4.0	4.0	*87.50*	*87.50*	5.3	2.5	*47.17*	5.5	7.3	*75.34*	3.6
363577	14.3	*89.51*	*53.15*	9.3	8.6	9.8	69.5	65.5	3.8	3.85	3.85	3.9	*98.70*	*98.72*	5.3	2.4	*45.28*	5.4	6.6	*81.82*	3.9
363583	15.2	*95.39*	*56.58*	9.8	8.8	10.8	71.0	61.0	3.55	3.55	4.0	4.0	*88.76*	*88.75*	5.7	2.35	*41.23*	5.3	7.4	*71.62*	4.2
Specimens	(18)	(18)	(18)	(18)	(19)	(19)	(18)	(18)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(18)	(18)	(18)	(19)
Totals	255.8			181.0	170.1	195.4	1,256.5	1,003.0	67.95	69.05	76.20	75.20			101.5	45.4		97.3	121.6		68.35
Averages	14.21	*89.80*	*53.48*	10.10	8.95	10.28	69.8	55.7	3.58	3.63	4.01	3.96	*89.17*	*91.82*	5.34	2.39	*44.73*	5.41	6.76	*80.02*	3.60
Minima	13.1	*81.29*	*49.03*	9.1	7.9	9.6	63.5	44.5	3.35	3.35	3.8	3.7	*83.75*	*86.75*	4.7	2.05	*40.74*	4.8	6.3	*71.62*	3.3
Maxima	15.5	*96.95*	*58.27*	11.1	10.0	11.4	77.0	65.5	3.8	3.9	4.2	4.3	*98.70*	*102.6*	6.1	2.7	*50.0*	6.0	7.4	*89.55*	4.2

[1] Allowance made for wear of teeth, where needed.

ALASKA PENINSULA: FEMALES

(Mixed Group: Eskimo–Koniag–Aleut)

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
363549	U.S.N.M.	Kvichak River	35		17.6	13.2	12.2	*75.0*	*79.22*		14.33				
363587	do	Egegik	24		18.0	13.8	13.2	*76.67*	*83.02*		15.0			11.8	7.3
363567	do	Pawik	55		17.7	13.6	12.9	*76.84*	*82.45*		14.73			11.8	7.0
363591	do	Egegik	60		17.2	13.6	13.0	*79.07*	*84.42*		14.69			11.8	7.0
363598	do	Near Iliamna	50		16.8	13.3	12.5	*79.17*	*83.06*		14.20			10.8	6.3
363558	do	Kvichak River	70		17.3	13.8	13.0	*79.77*	*83.60*		14.70				
363550	do	do	69		17.1	13.8	13.9	*80.23*	*86.45*		14.63			11.6	6.8
363600	do	Near Iliamna	45		17.0	13.7	13.4	*80.59*	*87.30*		14.70			12.2	7.2
363547	do	Kvichak River	65		17.1	13.8	13.0	*80.70*	*84.14*		14.63			11.4	6.6
363575	do	Pawik	60		17.5	14.3	13.1	*81.71*	*82.39*		14.97			12.5	7.2
363555	do	Kvichak River	25		16.6	13.6	13.0	*81.93*	*86.09*		14.49			11.2	7.0
363576	do	Pawik	24		17.2	14.2	12.8	*82.56*	*81.53*		14.73			10.5	6.1
363603	do	Egegik	24		17.1	14.4	13.0	*84.21*	*82.54*		14.83			11.5	6.4
363561	do	Pawik	55		17.4	15.0	13.1	*86.21*	*80.86*		15.17			12.9	7.9
363580	do	do	25		16.4	13.9	13.0	*84.76*	*85.81*		14.43			11.1	6.9
363573	do	do	50		16.8	14.6	13.7	*86.90*	*87.26*		15.03			11.7	6.8
363583	do	do	60		16.8	14.6	13.4	*86.90*	*85.35*		14.93			12.7	7.5
363551	do	Kvichak River	60		16.9	14.8	13.6	*87.57*	*85.80*		15.19			11.2	6.5
363590	do	Egegik	40		16.4	14.4	12.5	*87.80*	*81.17*		14.43			11.7	7.2
363581	do	Pawik	55		16.5	14.8	12.8	*89.70*	*81.79*		14.79			12.7	7.5
Specimens			(20)		(20)	(20)	(20)	(20)	(20)		(20)			(18)	(18)
Totals			942		311.5	281.2	260.6				294.4			211.1	125.2
Averages			47.1		17.08	14.06	13.03	*82.34*	*83.70*		14.72			11.73	6.96
Minima			24		16.4	13.2	12.2	*75.0*	*79.22*		14.20			10.5	6.1
Maxima			70		18.0	15.0	13.7	*89.70*	*87.30*		15.17			12.9	7.9

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a\times100}{c}\right)$	*Facial Index, upper* $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw—Height at Symphysis
363549						9.8															
363587	13.1	90.08	55.73	10.6	9.4	9.8	63.0	51.5	3.25	3.4	3.8	3.7	85.53	91.89	5.15	2.5	48.54	5.6	6.6	84.85	3.4
363567	13.6	86.76	51.47	10.1	9.4	10.6	74.0	47.5	3.45	3.4	3.85	3.8	89.61	89.47	5.05	2.55	50.50	5.3	6.1	86.89	3.3
363591	13.7	86.13	51.09	9.2	8.2	9.6	71.0	56.0	3.7	3.65	4.05	4.0	91.36	91.25	4.95	2.3	46.46	5.1	5.9	86.44	3.3
363598	13.0	83.08	48.46	9.5	8.5	9.8	73.5	48.5	3.4	3.5	4.0	3.95	85.0	88.61	4.8	2.6	54.17	4.9	5.8	84.48	2.8
363558	12.5				8.0	9.2			3.35	3.35	3.65	3.75	91.78	89.33	4.7	2.3	48.94				3.3
363550	13.3	87.22	51.13	10.0	8.8	10.2	72.0	67.5		3.4		4.0		85.0	4.6	2.5	54.35	5.2	6.1	85.25	3.4
363600	12.8	95.31	56.25	9.8	8.8	10.3	73.0	57.5	3.45	3.35	4.1	4.0	84.15	83.75	5.0	2.5	50.0	5.1	6.0	85.0	3.3
363547	12.6	90.48	52.38	9.1	8.2	9.8	75.5	52.5	3.5	3.65	3.9	3.7	89.74	98.65	5.15	2.4	46.60				3.0
363575	13.2	94.70	54.55	9.3	8.2	9.5	69.0	55.0	3.5	3.6	3.7	3.7	94.59	97.30	4.9	2.1	42.86	5.1	6.3	80.95	3.6
363555	12.9	86.82	54.26	9.8	8.8	10.0	71.0	55.5	3.6	3.55	3.9	3.9	92.31	91.03	5.0	2.1	42.0	5.1	5.9	86.44	2.75
363576	12.7	82.68	48.03	9.2	8.4	9.4	72.5	58.5		3.3		3.7		89.19	4.25	2.15	50.59	5.1	6.1	83.61	2.9
363603				9.1	8.4	9.8	76.0	52.5	3.45		3.85		89.61		4.95	2.6	52.53	4.9	6.2	79.03	3.3
363561	14.1	91.49	56.03	9.8	8.6	9.7	65.5	57.0	3.85	3.95	4.2	3.95	91.67	100.0	5.15	2.3	44.66	5.5	6.1	90.16	3.75
363580	13.2	84.09	52.27	9.6	8.6	9.6	69.0	55.5	3.2	3.15	3.8	3.6	84.21	87.50	4.8	2.55	53.13	5.1	6.3	80.95	3.8
363573	13.1	89.31	51.91	9.7	8.6	9.8	70.5	52.0	3.35	3.4	3.9	3.7	85.90	91.89	4.95	2.7	54.55	5.3	6.4	82.81	3.25
363583	13.7	92.70	52.74	10.1	9.0	10.3	70.0	57.5		3.55		3.95		89.87	4.95	2.2	44.44	5.6	6.5	86.15	3.8
363551	13.2	84.85	49.24	9.5	8.4	9.8	73.0	51.0	3.45	3.4	3.8	3.85	90.79	88.31	4.7	2.15	45.74	5.1	5.9	86.44	3.4
363590	13.3	87.97	54.14	9.4	8.6	9.7	69.5	62.0	3.45	3.5	3.85	3.85	89.61	90.91	5.1	2.5	49.02	5.1	6.3	80.95	3.2
363584	13.6	93.38	55.15			9.9				3.6		3.9		92.31	5.1	2.15	42.16	5.2	5.9	88.14	3.6
Specimens	(18)	(17)	(17)	(17)	(18)	(20)	(17)	(17)	(15)	(18)	(15)	(18)	(15)	(18)	(19)	(19)	(19)	(17)	(17)	(17)	(19)
Totals	237.6			163.8	154.9	196.6	1,208.0	937.5	51.95	62.70	58.35	69.0			93.25	45.15		88.3	104.4		63.15
Averages	13.20	88.67	52.78	9.63	8.61	9.83	71.1	55.1	3.46	3.48	3.89	3.83	89.03	90.87	4.91	2.38	48.42	5.19	6.14	84.58	3.32
Minima	12.5	82.68	48.03	9.1	8.0	9.2	63.0	47.5	3.2	3.15	3.65	3.6	84.15	83.75	4.25	2.1	42.0	4.9	5.8	79.03	2.75
Maxima	14.1	95.31	56.25	10.6	9.4	10.6	76.0	67.5	3.85	3.95	4.2	4.0	94.59	100.0	5.15	2.7	54.55	5.6	6.6	90.16	3.8

[1] Allowance made for wear of teeth, where needed.

KODIAK ISLAND: KONIAGS, MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(A. H.)														
366720	U. S. N. M.	West shore, mouth of Uyak Bay.	50		18.4	14.7	13.0	*79.89*	*78.55*	*88.44*	15.37				8.0
374762	do	Our Point, Uyak Bay.	28		18.4	14.8	13.9	*80.43*	*83.73*	*93.92*	15.70			12.4	7.3
363605	do	do	24		18.0	14.5	13.2	*80.56*	*81.23*	*91.03*	15.23			11.8	7.2
363608	do	do	30		18.1	14.7	13.3	*81.22*	*81.10*	*90.48*	15.37			12.2	7.3
367209	do	do	Young adult.		18.6	15.2		*81.72*							7.6
372886	do	do	45		17.8	14.6	14.0	*82.02*	*86.42*	*95.89*	15.47			13.0	7.8
372893	do	do	30		17.5	14.4	13.0	*82.29*	*81.51*	*90.28*	14.97			12.4	7.3
363625	do	do	40		17.7	14.6	13.6	*82.49*	*84.21*	*93.15*	15.30			13.1	7.6
374784	do	do	30		17.3	14.3	12.6	*82.66*	*79.75*	*88.11*	14.73				8.1
363621	do	do	50		18.3	15.2	13.3	*83.06*	*79.42*	*87.50*	15.60			12.4	7.2
363636 (small)	do	do	Young adult.		17.3	14.4	13.0	*83.24*	*82.02*	*90.28*	14.90				8.0
366711	do	do	23		17.3	14.4	13.5	*83.24*	*85.17*	*93.75*	15.07			12.3	7.7
374746	do	do	45		18.0	15.0	13.4	*83.33*	*81.21*	*89.33*	15.47			12.8	7.8
362473	do	Karluk Lake	Aged		17.1	14.3	13.2	*83.63*	*84.08*	*92.51*	14.87				
374788	do	Our Point, Uyak Bay.	40		18.1	15.2	13.2	*83.98*	*79.28*	*86.84*	15.50				7.9
366640 (small)	do	do	30		17.1	14.4	12.6	*84.21*	*80.0*	*87.50*	14.70				7.0
377706	do	do	24		17.8	15.0	12.8	*84.27*	*78.05*	*85.33*	15.20			12.2	7.3
378252	do	do	50		18.7	15.8	14.2	*84.49*	*82.32*	*89.87*	16.23				8.4
367203	do	Karluk	50		17.8	15.1	14.2	*84.83*	*86.32*	*86.32*	15.70			13.2	8.0
377711	do	Our Point, Uyak Bay.	55		17.8	15.1	13.7	*84.83*	*83.28*	*90.78*	15.53			12.8	7.7
367217	do	Kiavak	25	Slight lateral occipital flattening.	17.1	14.6	13.8	*85.38*	*87.06*	*94.52*	15.17			12.2	7.2
372892	do	Our Point, Uyak Bay.	35		17.8	15.2	14.7	*85.39*	*89.09*	*89.09*	15.90			12.8	7.8
367236	do	do	45		17.9	15.3	14.7	*85.47*	*88.55*	*88.55*	15.97				7.7
372826	do	do	35		18.0	15.4	13.4	*85.56*	*80.24*	*87.01*	15.60				7.7
366601	do	do	45	Slight lateral occipital flattening.	17.6	15.1	14.1	*85.80*	*86.24*	*88.74*	15.60				8.1
374761	do	do	23		17.6	15.1	13.4	*85.80*	*81.96*	*88.74*	15.37				6.8
377715	do	do	30		17.0	14.6	13.3	*85.88*	*84.18*	*91.10*	14.97			12.3	7.5
366657 (small)	do	do	50		16.8	14.5	13.5	*86.31*	*86.26*	*93.10*	14.93				8.0

374750	do	do	45		17.6	15.2	13.6	*86.36*	*82.93*	*89.47*	15.47		12.7	7.9
363609	do	do	35		17.7	15.3	13.7	*86.44*	*83.03*	*89.54*	15.57		12.9	[2]7.7
374760	do	do	Young adult.		17.9	15.5	14.3	*86.59*	*85.63*	*92.26*	15.90			[2]8.4
374749	do	do	40		16.8	14.6	13.0	*86.90*	*82.80*	*89.04*	14.80		11.4	6.5
363623	do	do	50		17.6	15.3	13.2	*86.93*	*80.25*	*86.27*	15.37			7.3
377708(a)	do	do	26	Slight lateral occipital flattening.	17.9	15.6	13.4	*87.15*	*80.0*	*85.90*	15.63		Face injured	
374751	do	do	24		17.2	15.0		*87.21*					12.3	7.0
372898	do	do	21	Slight lateral occipital flattening.	17.4	15.3	13.5	*87.93*	*82.57*	*88.24*	15.40		11.6	7.4
372887 (skeleton).	do	do	35		16.7	14.7	12.8	*88.02*	*81.53*	*87.07*	14.73		12.8	7.5
19381 [3]	do	Near Wash Creek			17.9	15.9	14.0	*88.83*	*82.84*	*88.05*	15.93	1,600	13.0	7.6
378716 [3]	do	Wash Creek, Uyak Bay.	35		17.6	15.7	13.8	*89.20*	*82.88*	*87.9*	15.70	1,550	12.8	7.5
363642	do	Our Point, Uyak Bay.	60	Moderately flat above inion.	17.7	15.8	13.7	*89.27*	*81.80*	*86.71*	15.73		14.2	(9.1)
374748	do	do	30	Slight or no occipital flattening.	16.8	15.0	12.8	*89.29*	*80.50*	*85.33*	14.87		12.4	7.3
372917	do	do	25		17.2	15.4	14.1	*89.53*	*86.50*	*91.56*	15.57		12.2	7.4
367225 (probably small ♂).	do	West site, mouth of Uyak Bay.	25		16.3	14.6	14.0	*89.67*	*90.61*	*95.89*	14.97		12.0	7.1
372894	do	Our Point, Uyak Bay.	55		18.0	16.2	14.2	*90.0*	*88.04*	*87.65*	16.13		12.4	7.5
366656	do	do	40		17.1	15.4	13.6	*90.06*	*88.70*	*88.31*	15.37		12.4	7.4
374752	do	do	35		16.8	15.2	12.9	*90.48*	*80.63*	*84.87*	14.97		12.3	7.3
374747	do	do	30		17.8	16.2	13.4	*91.01*	*78.82*	*82.72*	15.80		12.1	7.4
367204 (probably small ♂ skeleton).	do	do	40		16.3	14.9	13.5	*91.41*	*86.54*	*90.60*	14.90		12.7	7.5
363606	do	do	40		17.1	16.4	14.5	*95.91*	*86.57*	*88.41*	16.0			8.3
372888 (small)	do	do	25				13.0						11.7	6.7
366630	do	do	35		(hyperbrachycephalic)								11.8	7.0
366724	do	Kiavak	Aged	Slight occipital flattening.										7.6
367226	do	West site, mouth of Uyak Bay.	60	Moderate occipital flattening.	(17.6)	(15.7)	(13.9)	(*89.20*)	(*83.48*)	(*88.54*)	15.73		12.8	7.4
Specimens			(52)		(49)	(49)	(48)	(49)	(48)	(47)	(48)	(2)	(35)	(50)
Totals			1961		860.3	738.7	649.6				738.96	3,150	436.4	376.7
Averages			37.7		17.56	15.08	13.53	*85.87*	*83.01*	*89.72*	15.40	1,575	12.47	7.53
Minima			21		16.3	14.3	12.6	*79.89*	*78.05*	*82.72*	14.70		11.4	6.5
Maxima			70		18.7	16.4	14.7	*95.91*	*90.61*	*95.89*	16.23		14.2	8.4

Footnotes on p. 37 at end of table.

KODIAK ISLAND: KONIAGS, MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
366720	14.4	.....	*55.56*	11.1	9.8	10.5	64.5	52.5	3.8	3.8	4.05	3.9	*93.84*	*97.44*	5.6	2.9	*51.79*	5.8	6.7	*86.57*
374762	14.4	*86.11*	*59.69*	10.1	9.2	10.5	72.0	60.0	3.35	3.3	3.95	3.9	*84.81*	*84.62*	5.1	2.35	*46.08*	5.2	6.8	*76.47*
363605	13.4	*88.06*	*63.73*	10.4	9.1	10.1	67.5	52.0	3.6	3.6	3.8	3.8	*94.74*	*94.74*	(4.85)	(2.1)	*(43.31)*	5.7	6.4	*89.06*
363608	13.5	*90.37*	*64.07*	10.3	9.2	10.2	68.5	56.0	3.5	3.4	4.0	3.9	*87.50*	*87.18*	5.0	2.5	*50.0*	5.6	6.6	*84.85*
367209	15.6	.....	*48.72*	.....	.....	.....	.....	.....	.....	3.55	.....	3.95	.....	*89.87*	5.3	2.6	*49.06*	5.6	7.1	*78.87*
372886	14.6	*89.04*	*53.42*	10.4	9.5	11.0	73.0	61.0	3.55	.....	4.1	.....	*85.68*	.....	5.5	2.5	*45.45*	5.4	7.0	*77.14*
372893	14.7	*84.35*	*48.66*	9.5	8.7	9.9	71.0	63.0	3.4	3.45	3.9	3.9	*87.18*	*88.46*	5.0	2.25	*45.0*	5.3	6.5	*81.54*
363625	14.3	*91.61*	*53.14*	10.2	9.2	10.2	68.0	58.0	3.4	3.4	4.0	4.0	*85.0*	*85.0*	5.3	2.7	*50.94*	5.7	6.9	*82.61*
374784	14.5	.....	*55.86*	10.4	8.8	9.6	61.0	48.0	3.35	3.45	4.0	4.0	*83.75*	*86.25*	5.4	2.4	*44.44*	5.7	7.2	*79.17*
363621	15.0	*82.67*	*48.0*	10.5	9.4	10.4	69.0	53.5	3.4	3.3	4.0	3.9	*85.0*	*84.62*	5.15	2.6	*50.49*	5.5	6.5	*84.62*
363636	13.9	.....	*57.55*	10.3	8.8	9.8	63.5	49.5	3.5	.....	4.1	.....	*85.37*	.....	5.4	2.4	*44.44*	5.4	6.6	*81.82*
366711	14.2	*86.62*	*54.22*	9.8	8.6	10.2	70.5	55.5	3.5	3.5	4.0	3.8	*87.50*	*92.11*	5.2	2.5	*48.08*	5.5	7.0	*78.57*
374746	14.0	*91.43*	*55.71*	10.6	9.1	10.0	64.0	50.0	3.6	3.6	4.1	3.9	*87.80*	*92.31*	5.2	2.6	*50.0*	5.7	7.0	*81.43*
362473	15.1	.....	.....	.....	.....	10.4	.....	.....	.....	3.4	.....	3.9	.....	*89.18*	.....	.....	.....	.....	.....	.....
374788	15.0	.....	*52.67*	11.1	10.0	10.8	67.0	55.0	3.75	3.75	4.1	4.2	*91.46*	*89.29*	5.75	2.3	*40.0*	6.0	7.4	*81.08*
366640	14.6	.....	*47.94*	10.0	9.2	10.0	69.5	54.5	3.6	3.6	3.8	3.8	*94.74*	*94.74*	5.5	2.4	*43.64*	5.3	6.8	*77.94*
377706	15.1	*80.79*	*48.34*	10.6	9.8	10.6	70.0	61.5	3.55	3.55	4.2	4.1	*84.52*	*86.59*	5.25	2.5	*47.62*	5.4	6.7	*80.60*
378252	15.4	.....	*54.55*	10.8	9.8	11.0	68.5	61.0	3.45	3.5	4.1	4.1	*84.15*	*85.37*	5.8	2.3	*39.66*	5.8	7.2	*80.56*
367203	.....	.....	.....	10.1	9.3	10.7	71.5	63.0	3.7	3.7	4.1	4.1	*90.24*	*90.24*	5.7	2.5	*43.86*	5.5	6.6	*83.33*
377711	14.6	*87.67*	*52.74*	10.1	9.0	10.2	68.5	54.0	3.7	3.6	3.9	4.0	*94.87*	*90.0*	5.6	2.4	*42.86*	5.4	6.8	*79.41*
367217	14.6	*83.56*	*49.59*	11.3	9.8	10.7	66.5	45.0	3.55	3.5	4.15	4.15	*85.54*	*87.21*	5.1	2.8	*54.90*	6.1	7.2	*84.72*
372892	15.0	*85.33*	*52.0*	9.9	8.8	10.6	72.5	56.0	3.85	3.75	4.2	4.3	*91.67*	*87.21*	5.55	2.5	*45.04*	5.7	7.1	*80.28*
367236	15.1	.....	*50.99*	10.7	9.5	11.0	71.0	48.0	3.95	3.85	4.4	4.2	*89.77*	*91.67*	5.9	2.4	*40.68*	5.9	7.2	*81.94*
372826	14.0	.....	*55.0*	9.8	8.7	9.8	67.0	55.0	3.75	.....	4.0	.....	*93.75*	.....	5.5	2.5	*45.45*	5.4	6.3	*85.71*
366601	14.7	.....	*55.10*	10.8	9.6	10.6	67.0	59.0	3.45	3.4	3.8	3.8	*90.79*	*89.47*	5.15	2.8	*54.37*	5.9	6.5	*90.77*
374761	14.6	.....	*46.58*	9.8	8.9	9.8	70.0	58.0	3.3	3.3	4.0	3.9	*82.50*	*84.62*	4.8	2.15	*44.79*	5.2	6.9	*75.36*
377715	14.2	*86.62*	*52.82*	10.5	9.3	10.5	69.5	53.5	3.9	3.95	4.3	4.2	*90.70*	*94.05*	5.3	2.6	*49.06*	6.0	7.0	*85.71*
366657	14.3	.....	*55.94*	10.0	8.8	10.0	66.5	56.5	3.55	.....	4.2	.....	*84.52*	.....	5.4	2.6	*48.15*	5.5	6.8	*80.88*
374750	14.7	*86.39*	*53.74*	10.1	8.6	9.8	65.0	46.5	3.3	3.4	4.3	4.2	*76.74*	*80.95*	5.6	2.5	*44.64*	5.7	7.2	*79.17*
363609	14.8	*87.16*	*52.03*	[2]10.0	9.0	10.8	74.0	60.5	3.5	3.55	4.2	4.0	*83.33*	*83.75*	5.15	2.5	*48.55*	5.5	6.7	*82.09*
374760	15.2	.....	*55.26*	[2]11.2	10.0	11.2	.....	.....	3.7	.....	4.2	.....	*88.10*	.....	.....	.....	.....	.....	.....	.....
374749	13.9	*82.01*	*46.76*	9.6	8.8	9.8	72.0	57.5	3.4	3.4	3.8	3.7	*89.47*	*91.89*	4.85	2.35	*48.45*	4.9	6.3	*77.78*
363623	[2]14.6	.....	*50.0*	10.1	9.0	10.2	69.5	53.5	3.5	3.5	3.95	3.8	*88.62*	*92.11*	5.2	2.5	*48.08*	5.4	6.4	*84.38*
377708*(a)*	(14.1)	.....	.....	.....	.....	10.0	.....	.....	3.9	3.9	3.95	4.1	*98.73*	*95.12*	.....	.....	.....	.....	.....	.....

374751	14.4	85.42	48.61						3.1	3.2	4.1	3.9	75.61	82.05	4.9	2.4	48.98	5.6	6.9	81.16
372898	[2] 13.6	85.29	54.41	10.4	9.0	10.4	70.0	55.0	3.8	3.8	3.95	3.85	96.22	98.72	5.3	2.6	49.06	5.5	6.6	83.33
372887	14.3	89.51	52.45	10.5	8.8	9.9	64.5	47.0	3.5	3.55	4.05	3.9	86.44	91.02	4.85	2.5	51.55	5.9	6.6	89.39
19381 [3]	[2] 14.1	92.20	53.90	9.8	8.8	10.0	68.5	58.5	4.0	3.95	3.8	3.95	105.30	100.0	5.2	2.55	49.04	5.4	6.2	87.10
378716 [3]	[2] 13.9	92.05	58.96	10.0	8.6	9.6	65.0	49.0	4.0	3.85	3.9	4.0	103.90	97.50	5.2	2.55	49.04	5.4	6.1	88.52
363642	14.8	(95.96)	(61.49)	10.0	8.8	10.2	(64.0)	(59.5)	3.7	3.8	4.2	4.1	88.10	92.68	(5.9)	(2.35)	(39.78)	5.9	7.9	74.68
374748	14 1	87.94	51.77	8.8	7.8	9.2	69.0	57.0	3.55	3.5	3.8	3.7	93.42	94.59	4.95	2.35	47.47	5.2	6.5	80.0
372917	14.7	82.99	50.34	10.5	9.0	10.0	65.0	47.0	3.45	3.5	4.15	4.05	83.13	86.44	5.1	2.6	50.98	6.0	7.0	85.71
367225	14.2	84.51	50.0	10.0	9.2	10.0	70.0	57.5	3.6	3.65	3.9	3.8	92.31	96.05	5.45	2.3	42.21	5.4	6.9	78.26
372894	15.4	80.52	48.70	10.8	9.8	10.7	69.0	58.0	3.6	3.5	4.1	4.3	87.80	81.40	5.3	2.7	50.94	5.9	7.4	79.73
366656	13.7	90.51	54.01	10.4	9.0	10.0	66.0	50.0	3.55	3.55	4.1	3.9	86.59	91.02	5.0	2.4	48.0	5.8	6.4	90.63
374752	[2] 14.8	83.11	49.32	9.5	8.6	9.6	68.5	59.0	3.35	3.4	3.85	3.65	87.01	93.16	5.15	2.5	48.54	5.2	6.8	76.47
374747	15.2	79.61	48.68	10.7	9.6	9.8	62.5	57.5	3.55	3.6	4.1	4.0	86.59	90.0	4.9	2.65	54.08	5.7	7.3	78.08
367204	[2] 14.0	90.71	53.57	10.1	8.4	9.5	63.0	43.5	3.8	3.7	3.8	3.8	100.0	97.37	5.1	2.2	43.14	5.6	6.3	88.89
363606	15.6		53.21	10.9	9.6	10.4	64.0	56.5	3.35	3.3	4.1	3.9	81.71	84.62	5.4	2.8	51.85	6.0	7.3	82.19
372888	[2] 14.2	82.39	47.18	9.3	8.2	9.8	73.5	47.0	3.5	3.6	4.0	3.8	87.50	94.74	5.1	2.3	45.10	5.4	6.4	84.38
366630	15.2	77.63	46.05						3.9	3.9	4.3	4.1	90.70	95.12	5.2	2.6	50.0	5.5	7.0	78.57
366724										3.3		4.1		80.49	5.25	2.5	47.62	5.2	6.5	80.0
367226	15.9	80.50	46.54	9.9	8.9	10.6	74.0	55.0	3.55	3.6	4.1	4.0	86.59	90.0	5.55	2.6	46.85	5.3	7.1	74.65
Specimens	(50)	(33)	(48)	(49)	(47)	(47)	(45)	(45)	(50)	(48)	(50)	(48)	(50)	(48)	(48)	(48)	(48)	(50)	(50)	(50)
Totals	728.1			481.7	427.4	500.6	3,070.5	2,454.5	179.15	171.2	201.95	190.3			253.15	120.0		278.6	340.6	
Averages	14.56	85.80	51.74	9.83	9.09	10.22	68.23	54.54	3.58	3.57	4.04	3.96	88.71	89.96	5.27	2.50	47.40	5.57	6.81	81.80
Minima	13.4	77.63	46.05	8.8	7.8	9.2	61.0	43.5	3.1	3.2	3.8	3.65	75.61	80.49	4.8	2.15	39.66	4.9	6.1	74.65
Maxima	15.9	92.20	57.55	11.3	10.0	11.2	74.0	63.0	4.0	3.95	4.4	4.3	105.30	100.0	5.9	2.9	54.90	6.1	7.9	90.77

[1] Allowance made for wear of teeth, where needed.
[2] Near.
[3] It was discovered, while this paper was in proof, that these two numbers refer to the same specimen.—EDITOR.

KODIAK ISLAND: KONIAGS, FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
363643	U.S.N.M.	Our Point, Uyak Bay	35		17.9	14.4	13.6	*80.45*	*84.21*	*94.44*	15.30			11.8	7.3
374754	do	do	24		18.0	14.5	12.3	*80.56*	*75.70*	*84.83*	14.93			12.0	7.0
367219	do	Kiavak	25		15.7	12.9	12.5	*82.17*	*87.41*	*96.90*	13.70			11.6	6.9
374782	do	Our Point, Uyak Bay	Old		17.3	14.3	12.0	*82.66*	*75.95*	*83.92*	14.53				
367228	do	do	Old		17.9	14.8	13.3	*82.68*	*81.35*	*89.86*	15.33				
366690	do	Chief's Point, Uyak Bay.	25		[2] 18.1	15.0	13.4	*82.87*	*80.97*	*89.33*	15.50				
362575	do	Our Point, Uyak Bay	25		16.8	14.0	13.2	*83.33*	*85.71*	*94.29*	14.67			11.7	7.2
19381 [3]	do	Near Wash Creek	22		16.7	14.1	12.6	*84.43*	*81.82*	*89.36*	14.47	1,210		11.6	7.1
372887 [3]	do	do	45		17.0	14.4	13.0	*84.71*	*82.80*	*90.28*	14.80			12.3	7.3
378715	do	do	24		16.5	14.0	12.4	*84.85*	*81.31*	*88.57*	14.30	1,195		11.4	7.0
374759	do	do	25		17.0	14.5	13.2	*85.29*	*88.81*	*91.03*	14.90			11.5	7.1
377746	do	do	30		17.3	14.8	13.2	*85.55*	*82.24*	*89.19*	15.10			12.0	7.4
374756	do	do	50		16.7	14.3	13.0	*85.63*	*83.87*	*90.91*	14.67			11.4	7.0
366661	do	do	50		16.8	14.4	13.1	*85.71*	*83.97*	*90.97*	14.77			12.3	7.4
372889	do	do	35		17.2	14.8	13.3	*86.05*	*83.13*	*89.86*	15.10			12.0	7.1
372912	do	do	Young adult.		16.8	14.5	13.2	*86.31*	*84.35*	*91.03*	14.83				
367222	do	do	28		17.0	14.8	12.3	*87.06*	*77.36*	*83.11*	14.70			11.9	7.5
367220	do	do	50		16.3	14.2	12.5	*87.12*	*81.97*	*88.03*	14.33			11.9	7.2
363633	do	do	35	Some occipital assymmetry.	17.2	15.0	13.0	*87.21*	*80.75*	*86.67*	15.07				
367218	do	Kiavak	25		16.5	14.4	13.1	*87.27*	*84.79*	*90.97*	14.67				6.2
367239	do	Spiridon Bay	26		16.9	14.8	13.4	*87.57*	*84.54*	*90.54*	15.03			12.2	7.3
374755	do	Our Point, Uyak Bay	25	Slight lateral occipital flattening.	16.8	14.8	13.2	*88.10*	*83.54*	*89.19*	14.93			11.3	6.9
372918	do	do	50		16.6	14.7	13.4	*88.55*	*83.06*	*91.16*	14.90				7.4
374753	do	do	30		16.7	14.8	13.2	*88.62*	*83.81*	*89.19*	14.90			11.8	7.3
363043	do	Spiridon Bay	30-35		16.9	15.0	13.0	*88.76*	*81.50*	*86.67*	14.97			12.2	7.6
372922	do	Our Point, Uyak Bay	24		16.4	14.6	13.2	*89.02*	*85.16*	*90.41*	14.73				6.5
367202	do	Karluk	30		15.4	13.8	12.8	*89.61*	*87.67*	*92.75*	14.0			11.9	7.5
374757	do	Our Point, Uyak Bay	25		16.6	14.9	13.6	*89.76*	*86.35*	*91.28*	15.03			13.1	8.2
362817	do	Alitak Bay, Kodiak Island.	50		16.7	15.0	13.6	*89.82*	*85.80*	*90.67*	15.10				7.1

366689	do	Chief's Point, Uyak Bay.	35	Slight lateral occipital flattening.	16.2	14.6	12.2	*90.12*	*79.22*	*83.56*	14.33				6.9
366723	do	West site, mouth of Uyak Bay.	20		16.6	15.1	13.6	*90.96*	*86.08*	*90.07*	15.10				
362818	do	Alitak Bay, Kodiak Island.	Aged		15.9	14.6	13.4	*91.82*	*87.87*	*91.78*	14.63				
367227	do	West site, mouth of Uyak Bay.	35		16.3	15.0	12.2	*92.02*	*77.96*	*81.33*	14.50			11.9	7.3
366721	do	do	55	Moderate occipital flattening.	(15.8)	(14.9)	(13.0)	(*94.30*)	(*84.69*)	(*87.25*)	14.57				7.2
366722	do	do	55	Moderate lateral occipital flattening.	(16.5)	(14.2)	(13.0)	(*86.06*)	(*84.69*)	(*91.55*)	14.57				7.3
Specimens			(35)		(33)	(33)	(33)	(33)	(33)	(33)	(35)	(2)		(21)	(28)
Totals			1,282		554.7	479.8	429.0				516.96	2,405		249.8	201.2
Averages			36.6		16.81	14.54	13.0	*86.50*	*82.94*	89.41	14.77	1,202.5		11.90	7.19
Minima			20		15.4	12.9	12.0	*80.45*	*75.70*	81.33	13.70			11.3	6.2
Maxima			70		18.1	15.1	13.6	*92.02*	*87.87*	96.90	15.50			13.1	8.2

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
363643	13.8	*85.51*	*52.89*	9.9	8.4	9.8	67.5	42.0	3.4	3.35	4.0	3.9	*85.0*	*85.90*	5.35	3.0	*56.08*	6.0	[2]7.6	*78.95*
374754	13.6	*88.24*	*51.18*	9.9	9.0	9.7	67.5	56.5	3.4	3.55	3.9	3.7	*87.18*	*95.95*	5.1	2.65	*51.96*	5.2	6.1	*85.25*
367219				9.6	8.6	9.6	69.0	52.5	3.5	3.55	3.6	3.5	*97.22*	*104.43*	5.1	2.4	*47.06*	5.0	6.7	*74.63*
374782	13.4				9.0	9.6			3.6	3.55	3.9	3.7	*92.31*	*95.95*	4.45	2.3	*51.69*			
367228	13.3				8.8	9.8			3.6	3.6	4.1	4.0	*87.80*	*90.0*	4.65	2.3	*49.47*			
366690																				
362575	13.6	*86.03*	*52.94*	9.6	8.4	9.5	68.5	54.0		3.75		4.0		*93.75*	5.1	2.45	*48.04*	5.0	6.3	*79.37*
19381 [3]	12.9	*89.92*	*55.04*	9.5	8.6	9.5	68.0	57.0	3.55	3.55	3.7	3.7	*95.90*	*95.90*	5.2	2.4	*46.15*	5.0	5.9	*84.75*
372887 [3]	13.7	*89.78*	*53.28*	9.7	8.4	9.6	62.0	51.0	3.5	3.45	4.05	4.05	*86.43*	*85.19*	4.9	2.5	*51.02*	5.4	7.0	*77.14*
378715	12.6	*90.48*	*55.56*	9.3	8.4	9.3	68.0	55.0	3.55	3.6	3.7	3.6	*95.95*	*100.0*	5.2	2.35	*45.19*	4.9	5.8	*84.48*
374759	13.1	*87.79*	*54.20*	10.2	9.0	10.0	68.0	55.5	3.25	3.25	3.8	3.9	*85.53*	*83.33*	4.6	2.15	*46.74*	5.4	6.0	*90.0*
377746	13.6	*88.24*	*54.41*	10.2	9.0	10.1	68.0	53.0	3.55	3.55	4.05	4.05	*87.65*	*87.65*	5.15	2.3	*44.66*	5.4	6.6	*81.82*
374756	[2]12.8	*89.06*	*54.69*	9.9	8.7	10.2	72.0	52.0	3.6		4.2		*85.71*		4.9	2.3	*46.94*	4.8	6.1	*78.69*
366661	13.2	*93.18*	*56.06*	9.9	8.5	9.6	67.0	55.0	3.5	3.6	4.2	4.1	*83.33*	*87.80*	4.95	2.4	*48.49*	5.3	6.7	*79.10*
372889	13.4	*89.55*	*52.99*	10.4	9.0	10.0	66.5	48.0	3.5	3.4	3.8	3.7	*92.11*	*91.89*	4.9	2.5	*51.02*	5.6	6.6	*84.85*

Footnotes on p. 40 at end of table.

KODIAK ISLAND: KONIAGS, FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
372912																				
367222	14.0	*85.0*	*63.57*	10.2	8.8	9.6			3.75	3.85	4.0	3.9	*93.75*	*98.72*	5.35	2.45	*45.79*	5.3	6.4	*82.81*
367220	[2]13.4	*88.81*	*63.73*	8.9	8.0	9.3			3.65	3.6	3.8	3.7	*96.05*	*97.30*	5.05	2.3	*45.55*	4.7	6.4	*73.44*
363633	13.4				8.5	9.6			3.6	3.45	4.2	4.1	*85.71*	*84.15*	4.9	2.4	*48.98*			
367218	12.5		*49.60*	9.5	8.2	9.2	68.0	43.5	3.2	3.2	3.7	3.6	*86.49*	*88.89*	4.5	2.55	*56.67*	5.0	6.0	*83.33*
367239	13.3	*91.73*	*54.89*	9.6	8.6	9.8	69.5	60.0	3.55	3.55	4.0	4.0	*88.75*	*88.75*	4.7	2.5	*53.19*	5.6	6.2	*90.32*
374755	13.6	*83.09*	*50.73*	10.0	8.4	9.3	63.5	43.5	3.35	3.35	3.9	3.8	*85.90*	*88.16*	4.65	2.45	*52.69*	5.6	6.7	*83.58*
372918	13.3		*55.64*	9.4	8.0	9.5	68.0	51.5	3.55	3.45	3.9	3.9	*91.03*	*88.46*	4.85	2.35	*48.45*	5.3	6.1	*86.89*
374753	13.4	*88.06*	*54.48*	10.2	8.3	9.9	66.5	48.5	3.55	3.55	3.95	3.95	*89.87*	*89.87*	5.1	2.8	*54.90*	5.7	6.3	*90.48*
363043	13.4	*91.04*	*56.72*	9.8	8.5	9.6	66.0	50.5	3.6	3.65	3.75	3.75	*96.0*	*97.33*	5.3	2.0	*37.74*	5.4	6.1	*88.52*
372922	13.3		*48.87*	9.4	8.4	9.5	71.0	52.0	3.35	3.35	3.8	3.7	*88.16*	*90.54*	4.75	2.4	*50.55*	5.0	6.5	*76.92*
367202				9.0	7.8	8.9	64.5	53.0							5.1	2.15	*42.16*	5.2	6.0	*86.67*
371757	13.4	*97.76*	*61.15*	9.8	8.3	9.5	63.5	50.0	3.95	4.0	4.1	4.0	*96.34*	*100.0*	5.5	2.3	*41.82*	5.5	6.8	*80.88*
362817				10.1	8.9	10.1	69.5	52.0	3.3		3.8		*86.84*		5.0	2.3	*46.0*			
366689	12.7		*54.33*	9.5	8.2	9.4	68.0	46.5	3.3	3.35	3.9	3.8	*84.62*	*88.16*	5.0	2.55	*51.0*	4.8	6.3	*76.19*
366723						9.7														
362818						9.8														
367227	13.4	*88.81*	*54.48*	9.6	8.5	9.0	62.5	57.0	3.4	3.4	3.9	3.7	*87.18*	*91.89*	4.7	2.45	*52.12*	5.3	6.5	*81.54*
366721	13.2		*54.55*	9.8	8.6	9.3	64.0	51.5	3.45		3.8		*90.79*		5.0	2.5	*50.0*	5.4	6.4	*84.38*
366722	13.9		*52.52*	9.9	8.9	10.4	72.5	57.5	3.65		4.3		*84.88*		5.1	[2]2.4	*47.06*			
Specimens	(28)	(19)	(28)	(28)	(31)	(33)	(26)	(26)	(29)	(26)	(29)	(26)	(29)	(26)	(31)	(31)	(31)	(26)	(26)	(26)
Totals	373.2			272.6	265.2	317.7	1,749.0	1,348.5	101.7	91.5	113.8	99.8			154.1	74.85		136.8	166.1	
Averages	13.33	*89.02*	*53.91*	9.74	8.55	9.63	67.27	51.87	3.51	3.52	3.92	3.84	*89.37*	*91.68*	4.97	2.41	*48.57*	5.26	6.39	*82.36*
Minima	12.5	*83.09*	*48.87*	8.9	7.8	8.9	62.0	42.0	3.2	3.2	3.6	3.5	*83.33*	*83.33*	4.45	2.0	*37.74*	4.7	5.8	*73.44*
Maxima	13.9	*97.76*	*61.19*	10.4	9.6	10.4	72.5	60.0	3.95	4.0	4.3	4.1	*97.22*	*104.43*	5.5	3.0	*56.67*	6.0	7.6	*90.48*

[1] Allowance made for wear of teeth, where needed.
[2] Near.
[3] It was discovered, while this paper was in proof, that these two numbers refer to the same specimen.—EDITOR.

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
374702	U.S.N.M.	Our Point, Uyak Bay	1½ years		15.8	13.4	12.2	*84.81*	*83.56*	*91.04*	13.80				5.6
372915	do	do	2–3 years		15.6	12.8								8.3	5.1
372920	do	do	3		(brachycephalic)										5.8
374766	do	do	3		15.9	13.6	12.2	*85.53*	*82.71*	*89.71*	13.90			9.1	5.6
363045 (♀)	do	Spiridon Bay, Uyak Bay.	3 or 4		14.5	13.3	11.0	*91.72*	*79.14*	*82.71*	12.97			7.9	4.7
374766(a)	do	Our Point, Uyak Bay	4	Medium occipital flattening.	(15.6)	(14.9)								9.1	5.6
363655	do	do	5		15.1	14.0	12.4	*92.72*	*85.81*	*88.57*	13.83			9.5	5.9
372914	do	do	5–6		16.2	14.3	12.8	*88.27*	*83.93*	*89.51*	14.43			8.7	5.2
374785	do	do	6		16.9	14.3	12.0	*84.62*	*76.92*	*83.92*	14.40			9.8	[1]6.0
363663	do	do	6		14.8	13.2	12.2	*89.19*	*87.14*	*92.42*	13.40			8.9	[1]5.5
372913	do	do	6–7		15.8	13.7		*86.71*						10.0	6.0
363664	do	do	8		15.5	14.8	12.4	*95.48*	*81.85*	*83.78*	14.23				6.1
374710(♂)	do	do	10		17.9	14.4	13.7	*80.45*	*84.83*	*95.14*	15.33				6.6
374787	do	do	10		16.4	14.9	12.8	*90.85*	*81.79*	*85.91*	14.70				6.2
363668(♂)	do	do	10		17.6	15.2	12.1	*86.36*	*78.05*	*79.61*	14.97			10.5	6.5
367223(♂)	do	do	10–12		15.6	14.8	12.3	*94.87*	*80.92*	*83.11*	14.23			9.8	5.9
372915	do	do	11		16.6	14.4	12.8	*86.75*	*82.58*	*88.89*	14.60				6.0
372921(♀)	do	do	11		15.6	14.1	13.0	*90.38*	*87.54*	*92.20*	14.23				6.4
363637	do	do	12		16.5	14.0	12.8	*84.85*	*83.94*	*91.43*	14.43				6.5
372919(♂)	do	do	15		17.8	14.6	12.8	*82.02*	*79.01*	*87.67*	15.07				6.7
374758 (probably ♀)	do	do	16	Slight lateral occipital flattening	16.6	14.8	12.7	*89.16*	*80.89*	*85.81*	14.70			11.5	6.9
374783 (♀)	do	do	17		16.3	13.6	12.9	*80.95*	*84.87*	*94.85*	14.43			10.8	6.4
374614 (♀)	do	do	Adolescent		17.7	14.8	12.8	*83.62*	*78.78*	*86.49*	15.10			11.1	6.5
363666	do	do	do		16.0	14.2		*88.75*							

KODIAK ISLAND: KONIAGS, CHILDREN AND ADOLESCENTS—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
374702	10.1	------	*55.45*	8.0	7.6	8.6	76.5	70.0	3.2	------	3.5	------	*91.43*	------	3.85	2.0	*51.95*	------	5.0	------
372915	10.5	*79.05*	*48.57*	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
372920	10.8	------	*53.70*	------	------	------	------	------	3.4	3.3	3.95	3.95	*86.08*	*83.54*	4.6	2.1	*45.65*	------	5.5	------
374766(a)	------	------	------	------	------	7.6	------	------	3.2	3.2	3.4	3.4	*94.12*	*94.12*	3.8	2.1	*55.26*	------	5.0	------
363045(♀)	10.0	*79.0*	*47.0*	7.4	7.1	7.4	------	------	2.9	------	3.2	------	*90.63*	------	(3.4)	2.0	*(58.82)*	------	5.2	------
374766	10.9	*83.49*	*51.38*	------	------	------	------	------	3.3	3.3	3.4	3.3	*97.06*	*100.0*	3.6	1.85	*51.39*	------	5.6	------
363655	[1]11.1	*85.59*	*53.15*	8.5	7.6	8.6	71.0	52.0	------	3.35	------	3.45	------	*97.10*	4.3	2.0	*46.51*	------	5.2	------
372914	10.9	*79.82*	*47.71*	7.6	7.2	8.5	81.0	69.5	------	3.15	------	3.3	------	*95.45*	3.55	2.05	*57.75*	------	5.5	------
374785	11.1	*88.29*	*54.05*	8.3	7.6	8.2	68.0	62.5	3.35	3.35	3.5	3.45	*95.71*	*97.10*	4.0	2.0	*50.0*	------	5.6	------
363663	10.9	*81.65*	*50.46*	[1]8.5	7.6	8.4	70.0	55.5	3.05	3.0	3.5	3.4	*90.0*	*88.24*	3.7	1.8	*48.65*	------	5.4	------
372913	[1]11.0	*90.91*	*54.55*	------	------	------	------	------	------	3.1	------	3.3	------	*93.94*	4.3	2.0	*46.51*	------	5.7	------
363664	11.8	------	*51.69*	8.1	7.2	8.5	71.5	54.5	3.25	3.3	3.5	3.4	*92.86*	*97.06*	4.4	2.0	*45.45*	------	6.1	------
374710(♂)	12.5	------	*52.80*	9.2	8.7	9.8	75.0	68.0	3.35	3.45	3.7	3.7	*90.54*	*93.24*	4.8	2.25	*46.88*	------	6.6	------
374787	------	------	------	9.1	8.4	9.5	69.0	61.0	3.5	3.6	3.7	3.6	*94.59*	*100.0*	4.4	2.0	*45.45*	------	5.7	------
363668(♂)	12.3	*85.37*	*52.85*	8.9	8.0	8.7	67.0	58.5	3.6	3.6	3.7	3.5	*97.30*	*102.86*	4.4	2.2	*50.0*	------	6.4	------
367223(♂)	11.9	*82.35*	*49.58*	8.5	7.9	8.6	71.0	65.0	3.2	3.3	3.7	3.5	*86.49*	*94.29*	4.25	2.0	*47.06*	------	5.9	------
372915	11.7	------	*51.28*	8.7	8.0	8.9	72.0	61.5	3.25	3.25	3.95	3.95	*82.28*	*82.28*	4.25	2.15	*50.59*	------	6.2	------
372921(♀)	12.1	------	*52.89*	9.2	8.2	9.2	70.0	55.0	3.2	3.25	3.65	3.7	*87.67*	*87.84*	4.4	2.3	*52.27*	4.9	5.9	*83.05*
363637	[1]12.1	------	*53.72*	8.5	7.6	8.9	71.0	57.0	3.5	3.7	3.7	3.7	*94.59*	*100.0*	4.55	2.4	*52.75*	------	6.4	------
372919(♂)	[1]12.7	------	*52.76*	10.1	9.3	10.2	71.5	58.0	3.3	3.3	3.8	3.7	*86.84*	*89.20*	4.95	2.35	*47.47*	------	6.3	------
374758(prob. ♀)	12.9	*89.15*	*53.49*	9.5	8.6	9.6	69.5	59.0	3.25	3.35	4.0	3.9	*81.25*	*85.90*	4.8	2.1	*43.75*	5.2	6.4	*81.25*
374783(♀)	12.8	*84.38*	*50.0*	9.5	8.3	9.4	69.5	51.0	------	------	------	------	------	------	4.35	2.1	*48.25*	5.3	6.0	*88.33*
374614(♀)	13.2	*84.09*	*49.24*	9.2	8.4	9.2	69.5	55.5	3.6	3.65	3.8	3.7	*94.74*	*98.65*	4.9	2.4	*48.98*	------	6.5	------
363666	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

[1] Near.

KODIAK ISLAND INDIANS: CHILDREN

(Pre-Koniag) [1]

"RED"

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
377712	U.S.N.M.	Our Point, Uyak Bay	5		16.7	12.4	12.7	*74.25*	*87.29*	*102.42*	13.93			9.3	5.8
372837 (♀)	do	do	9		15.6	13.0	12.2	*83.33*	*85.31*	*93.85*	13.60				6.0
372829 (♂)	do	do	9–10		17.4	13.6	13.6	*78.16*	*87.74*	*100.0*	14.87				6.4
372782 (♀)	do	do	15		17.8	13.6		*76.40*							6.2

"BLUE"

374574	U.S.N.M.	Our Point, Uyak Bay	16		16.9	13.2	13.0	*78.11*	*86.38*	*98.48*	14.37				6.7

"RED"

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
377712	[2] 10.8	*86.11*	*53.70*	9.0	8.0	8.4	65.0	50.0	3.2	3.2	3.35	3.4	*95.52*	*94.12*	4.1	2.0	*48.78*		5.6	
372837 (♀)	10.6		*56.60*	8.2	7.4	8.4	71.0	58.0	3.45	3.45	3.45	3.45	*100.0*	*100.0*	4.25	2.1	*49.41*		5.7	
372829 (♂)	[2] 11.5		*55.65*	9.5	8.6	9.4	69.5	53.0	3.65	3.6	3.7	3.6	*98.65*	*100.0*	4.75	2.15	*45.26*		5.7	
372782 (♀)	[2] 12.4		*50.0*						3.3		3.6		*91.67*		4.4	2.2	*50.0*		6.3	

"BLUE"

374574						9.4			3.25	3.4	3.7	3.6	*87.84*	*94.44*	4.5	2.2	*48.89*	5.0	5.9	*84.75*

[1] Specimens recovered from the upper and supposedly more recent portion of the excavations were marked with a red pencil and those from below with a blue pencil, and thus came to be known as "red" and "blue," respectively.

[2] Near.

KODIAK ISLAND INDIANS: CHILDREN

(Pre-Koniag "Red" and "Blue")

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
374705	(*A. H.*) U.S.N.M.	Our Point, Uyak Bay	2		16.4	12.4		*75.61*						8.3	5.0
374716	do	do	4		16.2	13.5		*83.33*							5.6
363665	do	do	5		16.7	13.5	13.1	*80.84*	*86.75*	*97.04*	14.43			9.9	[1]6.2
366713	do	do	6		16.7	13.5	12.2	*80.84*	*80.79*	*90.37*	14.13			9.3	5.6
366718	do	do	6		[1]17.6	[1]13.3	12.4	*75.57*	*80.26*	*93.23*	14.43				
366719	do	do	6		[1]17.3	[1]12.6		*72.83*							
374690	do	do	6		15.6	12.8	12.0	*82.05*	*84.51*	*93.75*	12.80			9.7	5.8
374711	do	do	6		17.2	13.8	[1]12.6	*80.23*	*81.29*	*91.30*	14.53				6.0
374707	do	do	About 7		16.9	13.4		*79.29*							
363662	do	do	7-8		17.2	13.2		*76.74*							
366665	do	do	8		17.4	13.7		*78.74*							
366691	do	do	8		17.1	13.4		*78.36*						10.9	6.6
363658	do	do	10		16.6	13.4	[1]12.8	*80.72*	*85.83*	*95.52*	14.27			10.0	6.2
363669	do	do	10		16.6	12.5		*75.30*							5.7
366634	do	do	10		(Long and narrow)										
374628(♀)	do	do	10		(Very oblong)									9.8	5.8
363667	do	do	11		16.5	13.1	13.0	*79.39*	*87.84*	*99.24*	14.20				6.7
366609	do	do	12		[1]16.7	12.4	[1]13.0	*74.25*	*89.35*	*104.84*	14.03			9.9	5.9
366613	do	do	14		16.7	12.7	13.4	*76.05*	*91.16*	*105.51*	14.27			10.1	6.1
374625	do	do	16		17.3	13.5	13.4	*78.03*	*87.01*	*99.26*	14.73			11.4	6.8
374630	do	do	16		16.6	13.3	[1]12.9	*80.12*	*86.29*	*96.99*	14.27			10.6	6.5
374672	do	do	16		17.3	13.3	13.4	*76.88*	*87.58*	*100.75*	13.67				7.0
366615	do	do	17		(Oblong)										6.8
374647	do	do	17		16.7	[1]13.8	13.2	*82.63*	*86.55*	*95.65*	14.57				7.0
374677(♂)	do	do	Adolescent		18.0	14.4	[1]13.8	*80.0*	*85.19*	*95.83*	15.40				7.1

Catalog No.	Diam., Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth, maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
374765	9.2	90.22	54.35																4.8	
374716	10.1		55.45							3.4		3.15		107.96	3.8	2.0	52.63		5.3	
363665	[1]10.2	97.06	60.78			[1]8.7			3.5		3.4		102.94		4.15	2.0	48.19		5.9	
366713	11.1	83.78	50.45	8.5	8.0	8.7	73.5	67.0	3.25	3.3	3.5	3.4	92.86	97.06	3.9	2.1	53.85		5.6	
366718																				
366719															4.2	2.3	54.76			
374690	11.1	87.39	52.25	8.3	7.8	8.6	72.5	66.5	3.1	3.15	3.4	3.4	91.18	92.65	3.95	2.1	53.16		5.9	
374711	11.3		58.10						3.25	3.25	3.45	3.45	94.20	94.20	3.95	2.0	50.63		5.9	
374707																				
363662																				
366665																			5.6	
366691									3.4		3.6		94.44		4.7	2.4	51.06		5.9	
365658	11.6	86.21	53.45			9.0			3.25	3.25	3.7	3.6	87.84	90.28	4.5	2.1	46.67		6.1	
363669									3.15		3.3		95.45		3.9	2.0	51.28		5.3	
366634																			6.0	
374628(♀)	[1]10.9	89.91	55.21							3.0		3.35		89.58	4.2	2.0	47.62		5.7	
363667	11.3		59.29	9.4	8.6	9.4	69.0	59.5	3.2		3.6		88.89		4.75	2.15	45.26		6.0	
366609						8.7			3.25	3.3	3.5	3.3	92.86	100.0	4.35	2.05	47.13		6.0	
366613	[1]11.8	85.59	51.69		8.4	9.4				3.3		3.5		94.29	4.3	2.0	46.51		6.1	
371625	[1]12.1	94.21	56.20	9.6	8.4	9.4	67.5	53.0	3.4	3.45	3.8	3.7	89.47	93.24	4.5	2.3	51.11	5.5	6.4	85.94
374630	11.9	89.08	54.62	9.8	8.8	10.2	74.5	53.0	3.1	3.15	3.4	3.6	91.18	87.50	4.8	2.3	47.92	4.9	6.2	79.03
374672	12.7		55.12	9.6	8.5	9.4	62.0	52.5	3.4	3.55	3.7	3.65	91.89	97.26	4.95	2.15	43.43	5.1	6.3	80.95
366615	[1]11.6		58.62						3.35	3.4	3.4	3.4	98.53	100.0	4.9	2.15	43.88	4.9	5.6	87.50
374647				9.2	8.4	9.6	71.5	62.0	3.4	3.35	3.8	3.6	89.47	93.05	4.9	2.2	44.90	5.0	6.3	79.37
374677(♂)	[1]13.2		53.79			10.6				3.7		3.9		94.87	5.25	2.1	40.0		6.3	

[1] Near.

KODIAK ISLAND: PRE-KONIAG, "RED"[1] MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
367208	U.S.N.M.	Our Point, Uyak Bay.	40		[2] 19.5	[2] 13.8		[2] 70.77							7.7
363615	do	do	65		18.1	13.2	14.3	*72.93*	*91.37*	*108.33*	15.20				8.4
372895	do	do	50		18.9	13.8	14.4	*73.02*	*88.07*	*104.35*	15.70				
366678	do	do	60		18.2	13.4	14.8	*73.63*	*93.67*	*110.45*	15.47			13.8	8.6
367216	do	do	50		18.2	13.5	13.7	*74.18*	*86.44*	*101.48*	15.13			14.3	8.5
374621	do	do	45		18.5	13.9	13.9	*75.14*	*85.80*	*100.0*	15.43			13.2	8.0
374609	do	do	24		18.6	14.0	14.2	*75.27*	*93.25*	*101.43*	15.60			13.1	8.0
374627	do	do	55		17.5	13.2	14.2	*75.43*	*92.51*	*107.58*	14.97			12.0	7.3
363635	do	do	30		18.0	13.6	14.7	*75.56*	*93.04*	*108.09*	15.43			12.7	8.0
374616	do	do	45		19.3	14.6	13.4	*75.65*	*79.06*	*91.78*	15.77			13.6	8.2
367206	do	do	65		18.0	13.7	14.5	*76.11*	*91.48*	*105.84*	15.40				8.5
372808	do	do	50		18.0	13.7	13.7	*76.11*	*86.43*	*100.0*	15.13			12.7	7.9
372810	do	do	30		18.0	13.7		*76.11*						12.9	7.7
372896	do	do	55		19.3	14.7	14.0	*76.17*	*82.35*	*95.24*	16.0			13.4	7.9
377736	do	do	55		18.1	13.8	13.9	*76.24*	*87.15*	*100.72*	15.27				7.3
363617	do	do	45		17.7	13.5	13.5	*76.27*	*86.54*	*100.0*	14.83			12.9	8.0
363611	do	do	40		18.6	14.2	13.8	*76.34*	*84.15*	*97.18*	15.53				
374685	do	do	45		18.5	14.2	13.8	*76.76*	*84.40*	*97.18*	15.50				8.3
372836	do	do	35		17.4	13.4	14.2	*77.01*	*92.21*	*105.97*	15.0			13.6	8.5
374682	do	do	50		18.7	14.4	14.8	*77.01*	*89.43*	*102.78*	15.97			13.4	8.1
363612	do	do	Mid-aged		18.3	14.1	13.4	*77.05*	*82.72*	*95.04*	15.27				7.4
363624	do	do	Mid-aged		18.6	14.4	14.4	*77.42*	*87.27*	*100.0*	15.80				8.4
374607	do	do	35		18.4	14.3	14.2	*77.72*	*86.85*	*99.30*	15.63			13.4	8.3
363618	do	do	30		17.6	13.7	14.2	*77.84*	*90.74*	*103.65*	15.17			13.0	7.7
363622	do	do	25		18.1	14.1	14.3	*77.90*	*88.82*	*101.42*	15.50			12.9	7.8
374606	do	do	40		17.7	13.8	14.0	*77.97*	*88.89*	*101.45*	15.17			13.2	7.9
367221	do	West side mouth of Uyak Bay.	45		17.4	13.6	13.2	*78.16*	*85.16*	*97.06*	14.73			13.2	7.5
374675 (somewhat ♀-like but probably ♂.)	do	Our Point, Uyak Bay.	40		17.4	13.6	14.0	*78.16*	*90.32*	*102.94*	15.0			13.0	7.5
372817	do	do	50		18.4	14.4	14.0	*78.26*	*85.37*	*97.22*	15.60			13.1	7.8
362915	do	Chief's Point, Uyak Bay.	50		17.6	13.8	13.8	*78.41*	*87.90*	*100.0*	15.07				7.4
363620	do	Our Point, Uyak Bay.	30		18.3	14.4	14.4	*78.69*	*88.07*	*100.0*	15.70			13.1	7.9
362913	do	Chief's Point, Uyak Bay.	40		17.9	14.1	14.0	*78.77*	*87.50*	*99.29*	15.33				7.6

372910	do	Our Point, Uyak Bay	55		18.4	14.5	13.6	78.80	82.68	93.79	15.50			12.7	7.7
372813 (somewhat ♀-like but ♂skeleton).	do	do	23		17.6	13.9	13.0	78.98	82.54	93.53	14.83			12.3	7.5
366652	do	do	Young adult.		18.0	14.3	14.0	79.44	86.69	97.90	15.43				
372911	do	do	40		18.0	14.3	14.0	79.44	86.69	97.90	15.43			13.3	8.0
374668	do	do	35		17.7	14.1	14.7	79.66	92.45	104.26	15.50				8.3
367237	do	do	Old		17.4	13.9	13.5	79.89	86.26	97.12	14.93				
374622	do	do	65		17.9	14.3	14.4	79.89	89.44	100.70	15.53			12.3	7.4
374612	do	do	55		16.8	13.5	13.6	80.36	89.77	100.74	14.63			12.8	7.6
366660 (♂ skeleton).	do	do	Aged		18.1	14.6	14.2	80.66	86.85	97.26	15.63				
374676	do	do	50		18.1	14.6	13.5	80.66	82.57	92.47	15.40			12.9	7.9
362916	do	Chief's Point, Uyak Bay.	40		17.6	14.2	14.2	80.68	89.31	100.0	15.33				7.4
372891	do	Our Point, Uyak Bay	65		18.0	14.6	12.6	81.11	77.30	86.30	15.07				
374610	do	do	60		17.2	14.0	14.0	81.40	89.74	100.0	15.07			12.5	7.3
377714 (somewhat ♀-like but ♂skeleton).	do	do	19	Trace of occipital flattening.	16.9	13.9	13.7	82.25	88.96	98.56	14.83			12.9	7.7
372811	do	do	35		17.5	14.4	14.0	82.29	87.77	97.22	15.30			13.5	8.1
363619 (mixed?, red-Koniag?).	do	do	50		17.4	14.4	14.4	82.76	90.57	100.0	15.40				7.7
362914	do	Chief's Point, Uyak Bay.	60	Slight occipital flattening.	(17.0)	(13.9)	(13.6)	(81.76)	(88.03)	(97.84)	14.83				7.8
366710	do	Our Point, Uyak Bay	50	Slight or moderate occipital flattening.	(16.9)	(13.8)	(14.4)	(81.66)	(93.81)	(104.35)	15.03				8.0
367201	do	Middle Goose Island	55	Moderate lateral occipital flattening.	(16.3)	(14.1)	(13.2)	(86.50)	(86.84)	(93.62)	14.53				7.1
374608	do	Our Point, Uyak Bay	55	Small defined premature synostosis.	(18.2)	(15.1)	(13.5)	(82.97)	(81.08)	(89.40)	15.60			13.7	8.2
374674 (a typical extraneous?).	do	do	50		(17.8)	(15.1)	(14.0)	(84.83)	(84.83)	(92.72)	15.63			13.6	7.8
378251	do	do	50	Medium occipital flattening.	(17.5)	(15.0)	(14.3)	(85.71)	(88.00)	(95.33)	15.60			13.5	8.4
Specimens			(54)		(48)	(48)	(46)	(48)	(46)	(46)	(52)			(33)	(48)
Totals			2487		865.4	672.1	643.1				796.33			432.5	378.0
Averages			46.1		18.03	14.0	13.98	77.66	87.35	99.77	15.31			13.11	7.88
Minima			19		16.8	13.2	12.6	70.77	77.30	86.30	14.53			12.0	7.3
Maxima			70		19.5	14.7	14.8	82.76	93.67	110.45	16.00			14.3	8.6

Footnotes on P. 49 at end of table.

KODIAK ISLAND: PRE-KONIAG, "RED"[1] MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
367208									3.75		4.0		*93.75*		5.3	2.8	*52.83*	5.1	6.5	*78.46*
363615	14.0		*60.0*			11.4														
372895	14.3					10.6														
366678	14.0	*98.57*	*61.43*	10.4	9.4	11.2	71.5	60.5	3.65	3.7	4.0	3.9	*91.25*	*94.87*	5.9	2.45	*41.53*	5.6	6.7	*83.58*
367216	13.8	*103.62*	*61.59*	10.2	8.9	10.4	64.0	54.0	3.8	3.85	4.1	4.0	*92.68*	*96.25*	5.4	2.5	*46.30*	6.2	7.1	*87.32*
374621	14.4	*91.67*	*55.56*	10.7	9.4	10.6	66.0	55.0	3.9	4.0	4.1	4.0	*95.12*	*100.0*	5.3	2.55	*48.11*	5.7	6.9	*82.61*
374609	13.7	*95.62*	*58.39*	10.5	9.4	10.7	69.0	56.5	3.65	3.65	4.2	4.1	*86.90*	*89.02*	5.65	2.35	*41.59*	5.4	6.9	*78.26*
374627	13.3	*90.23*	*54.89*		9.5	10.6			3.7	3.55	3.9	3.8	*94.87*	*93.42*	5.35	2.5	*46.73*			
363635				11.7	10.4	11.4	67.5	50.5							5.8	2.45	*42.24*			
374616	14.9	*91.28*	*55.03*	10.8	9.8	10.6	66.5	62.0	3.7	3.65	4.1	4.0	*90.24*	*91.25*	5.45	2.7	*49.54*	5.9	7.0	*84.29*
367206	15.0		*56.67*	10.9	9.6	[2]11.1	68.0	54.0	4.0		4.5		*88.89*		6.0	2.4	*40.0*	6.0	7.2	*83.33*
372808	13.7	*92.70*	*57.66*	10.5	9.3	10.3	66.0	55.5		3.45		3.9		*88.46*	5.4	2.3	*42.59*	5.8	7.2	*80.56*
372810	13.2	*97.73*	*58.33*						3.6		3.8		*94.74*		5.5	2.6	*47.27*	5.5	6.7	*82.09*
372896	14.5	*92.41*	*54.48*	10.9	9.9	10.8	68.0	60.5	3.8	3.75	4.2	4.2	*90.48*	*89.29*	5.3	2.6	*49.06*	5.9	7.0	*84.29*
377736	13.6		*53.68*	10.3	9.6	10.8	73.5	63.0	3.6	3.7	4.3	4.1	*83.72*	*90.24*	5.4	2.65	*49.07*			
363617	13.6	*94.85*	*58.82*	10.3	8.8	10.2	66.0	46.0	3.8	3.9	4.0	4.0	*95.0*	*97.5*	5.8	2.5	*43.10*	5.4	6.7	*80.60*
363611																		5.6	7.3	*76.71*
374685	14.6		*56.85*	10.6	9.4	10.6	67.0	58.0	3.5		4.1		*85.37*		5.5	2.7	*49.09*	5.7	6.7	*85.07*
372836	13.2	*103.03*	*64.39*	10.2	9.3	10.8	70.0	62.0	3.35	3.45	4.1	3.8	*83.85*	*90.79*	5.85	[3]2.4	*41.03*	5.5	7.3	*75.34*
374682	14.0	*95.71*	*57.86*	11.1	10.0	11.4	71.0	60.0	3.9	3.8	4.2	4.2	*92.86*	*90.48*	5.3	2.65	*50.0*	5.8	6.8	*85.29*
363612	14.5		*51.04*	9.6	8.6	10.2	72.5	58.0	3.85	3.85	4.1	4.1	*93.90*	*93.90*	5.15	2.3	*44.66*	5.2	6.9	*75.36*
363624	14.8		*56.76*	10.7	9.6	11.0	69.5	61.0	3.7	3.85	4.4	4.2	*84.09*	*91.67*	5.5	2.8	*50.91*	5.6	7.2	*77.78*
374607	14.6	*91.78*	*56.85*	10.8	9.6	10.4	64.5	58.5	3.7	3.6	3.8	3.7	*97.37*	*97.30*	5.4	2.5	*46.30*	5.8	7.2	*80.56*
363618	14.2	*91.55*	*54.22*	[2]10.3	9.0	10.4	69.0	52.5	3.5	3.5	4.1	4.1	*85.37*	*85.37*	5.35	2.4	*44.86*	5.5	6.9	*79.71*
363622	14.3	*90.21*	*54.54*	9.9	9.0	10.8	74.5	60.0	3.6	3.7	3.9	3.9	*92.31*	*94.87*	5.7	2.7	*47.37*	5.3	6.5	*81.54*
374606	13.7	*96.35*	*57.66*	10.4	9.3	10.6	69.5	57.5	3.65	3.65	4.0	3.9	*91.25*	*93.59*	5.5	2.6	*47.27*	5.4	7.0	*77.14*
367221	13.8	*95.65*	*54.35*	9.8	8.6	10.1	70.0	54.0	3.4	3.5	4.1	3.9	*82.93*	*89.74*	5.25	2.4	*45.71*	5.3	6.8	*77.94*
374675	13.7	*94.89*	*54.74*	10.5	9.2	10.2	66.5	55.0	3.8	3.7	4.0	3.9	*95.0*	*94.87*	4.85	2.5	*51.55*	5.7	6.2	*91.94*
372817	14.9	*87.92*	*52.35*	10.6	9.3	10.5	68.0	47.5	3.75	3.7	3.9	3.9	*96.15*	*94.77*	5.85	2.9	*49.57*	5.8	7.2	*80.56*
362915	14.2		*52.11*	10.0	8.6	9.8	70.0	53.0	3.45	3.55	3.8	3.75	*90.79*	*94.67*	5.3	2.6	*49.06*	5.0	6.7	*74.63*
363620	14.8	*88.51*	*53.38*	10.6	9.6	10.9	70.5	60.5	3.9	3.8	4.4	4.3	*88.64*	*88.37*	5.4	2.5	*46.30*	5.4	6.8	*79.41*
362913	14.3		*53.15*	10.0	8.6	9.7	69.0	58.0	3.4	3.45	4.05	3.95	*83.95*	*87.34*	5.2	2.5	*48.08*	5.0	6.6	*75.75*
372910	15.0	*84.67*	*51.33*	10.4	9.2	10.4	68.5	55.0	3.25	3.35	4.1	4.0	*79.27*	*83.85*	5.35	2.8	*52.34*	6.0	7.5	*80.0*

372813	13.9	*88.49*	*53.96*	9.7	8.8	9.6	66.5	61.0	3.55	3.6	3.95	3.8	*89.87*	*94.74*	5.25	2.3	*43.82*	5.1	6.6	*77.27*
366652						10.3														
372911	14.2	*93.66*	*56.34*	10.2	8.8	10.3	67.5	53.0	3.4	3.4	4.1	3.9	*82.93*	*87.18*	5.3	2.2	*41.51*	5.5	6.6	*83.35*
374668	13.0		*63.85*	10.1	8.8	10.4	68.5	57.0	3.8	3.85	4.0	3.9	*95.0*	*98.72*	5.35	2.3	*42.99*	5.6	6.7	*83.58*
367237	13.5				8.7	9.6			3.4	3.4	3.85	3.75	*88.31*	*90.67*	5.1	2.45	*48.04*			
374622	13.8	*89.13*	*53.62*	10.0	9.2	10.2	70.0	62.0		3.45		3.85		*89.61*	5.3	2.7	*50.94*			
374612	13.2	*96.97*	*57.58*	9.6	8.4	9.6	67.0	56.0	3.6	3.6	3.9	3.8	*92.31*	*94.74*	4.95	2.4	*48.48*			
366660	13.6				9.3	10.7														
374676	14.5	*88.97*	*54.48*	9.9	8.8	10.1	65.0	61.0	3.5	3.7	4.1	3.9	*85.37*	*94.87*	5.4	2.4	*44.44*	5.4	6.5	*83.08*
362916	14.5		*51.03*	10.2	9.2	10.4	68.0	54.0	3.35	3.4	4.2	4.1	*79.76*	*82.93*	5.2	2.5	*48.08*	5.6	7.0	*80.0*
372891	14.1				9.2	10.0			3.3	3.3	4.0	4.0	*82.50*	*82.50*	4.9	2.5	*51.02*			
374610	13.3	*93.98*	*54.89*		9.2	10.1			3.55	3.45	3.95	3.85	*89.87*	*89.61*	5.2	2.2	*42.31*	5.3	6.5	*81.54*
377714	13.2	*97.73*	*58.33*	9.6	8.6	10.0	70.0	60.0	3.8	3.75	3.95	3.8	*96.20*	*98.68*	5.1	2.4	*47.06*	5.5	6.4	*85.94*
372811	14.3	*94.41*	*56.64*	10.4	9.4	10.1	65.0	60.0	3.6	3.6	4.1	3.9	*87.80*	*92.31*	5.6	2.6	*46.43*	5.6	6.8	*82.35*
363619	14.6		*52.74*	10.2	8.8	10.2	68.0	51.5	3.6	3.6	4.1	4.0	*87.80*	*90.0*	5.2	2.5	*48.08*	5.3	6.4	*82.81*
362914	14.1		*55.32*	10.6	9.4	10.3	66.5	55.0	3.4	3.45	4.0	3.9	*85.0*	*88.46*	5.35	2.2	*41.12*	5.4	6.6	*81.82*
366710	13.6		*58.82*	9.4	8.3	9.8	68.0	56.0	3.7	3.8	3.9	3.8	*94.87*	*100.0*	5.7	2.7	*47.37*	5.2	6.3	*82.54*
367201	14.2		*50.00*	9.2	8.2	9.7	71.5	55.5	3.5	3.55	3.9	3.9	*89.74*	*91.03*	5.1	2.0	*39.22*	5.0	6.2	*80.65*
374608	14.3	*95.80*	*57.34*	10.2	9.2	10.6	70.0	61.5	3.75	3.8	4.0	4.0	*93.75*	*95.0*	5.45	2.3	*42.21*	5.5	6.4	*85.94*
374674	14.7	*92.52*	*53.06*	10.0	8.8	10.4	70.0	53.5	3.8	3.85	4.3	4.1	*88.37*	*93.90*	5.5	2.6	*47.27*	5.2	6.8	*76.47*
378251	14.7	*91.84*	*57.14*	10.5	9.2	10.8	69.0	53.5	3.8		4.5		*84.44*		5.95	2.65	*44.54*	5.6	6.7	*83.58*
Specimens	(50)	(32)	(46)	(43)	(48)	(51)	(43)	(43)	(46)	(43)	(46)	(43)	(46)	(43)	(49)	(49)	(49)	(43)	(43)	(43)
Totals	703.9			442.5	439.2	531.7	2,946.5	2,438.5	167.05	156.2	187.05	169.85			264.9	122.5		236.9	292.0	
Averages	14.08	*93.41*	*55.88*	10.29	9.15	10.43	68.52	56.71	3.63	3.63	4.07	3.95	*89.31*	*91.96*	5.41	2.50	*46.24*	5.51	6.79	*81.13*
Minima	13.0	*84.67*	*50.00*	9.2	8.2	9.6	64.0	46.0	3.25	3.3	3.8	3.7	*79.27*	*82.50*	4.85	2.0	*39.22*	5.0	6.2	*74.63*
Maxima	15.0	*103.62*	*64.39*	11.7	10.4	11.4	74.5	63.0	4.0	4.0	4.5	4.2	*97.37*	*100.0*	6.0	2.9	*52.83*	6.2	7.5	*91.94*

[1] See footnote 1, p. 43.
[2] Near.
[3] Inside

KODIAK ISLAND: PRE-KONIAG, "BLUE" MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
366692	U.S.N.M.	Our Point, Uyak Bay	50		18.8	[2] 13.2	(High)	*70.21*						14.0	8.4
366620	do	do	Sub-adult		17.6	12.9		*73.30*							
366623	do	do	65		18.0	13.2		*73.33*						12.9	7.5
372776	do	do	18		18.5	13.6	[2] 13.2	*73.51*	*82.24*	*97.06*	[3] 15.10			12.5	7.8
366697	do	do	60		18.5	13.7	(High)	*74.05*							7.3
366648	do	do	35		18.0	13.8	13.6	*76.67*	*85.53*	*98.55*	15.13				7.2
366694	do	do	50		19.0	14.6	13.7	*76.84*	*81.55*	*93.84*	15.77			14.4	8.6
366701	do	do	Mid-aged		17.5	13.6	14.2	*77.71*	*91.32*	*104.41*	15.10			12.7	7.8
374569	do	do	60		17.9	14.0	13.8	*78.21*	*86.52*	*98.57*	15.23				8.0
377703	do	do	35		17.5	13.8	13.4	*78.86*	*85.62*	*97.1*	14.90			13.5	8.1
374566	do	do	60		18.2	14.4	13.6	*79.12*	*83.44*	*94.44*	15.40				
366717	do	do	26		18.1	14.4	14.0	*79.56*	*86.16*	*97.22*	15.50			12.3	7.6
374578	do	do	30		18.6	14.8	14.6	*79.57*	*87.43*	*98.65*	16.0				
374666	do	do	40		18.2	14.5	13.8	*79.67*	*84.40*	*95.17*	15.50				
377713	do	do	60		17.3	13.8	13.7	*79.77*	*88.10*	*99.28*	14.93			11.9	7.2
366695 (probably small ♂)	do	do	35		16.7	13.4	13.4	*80.24*	*89.03*	*100.0*	14.50			12.1	7.3
374552	do	do	25		17.6	14.2	13.8	*80.68*	*86.79*	*97.18*	15.20			13.1	8.1
366619	do	do	19		17.7	14.5	14.0	*81.92*	*86.96*	*96.55*	15.40			12.6	7.6
374568	do	do	65		17.8	14.6	13.4	*82.02*	*82.72*	*91.78*	15.27				8.0
366616A	do	do	Sub-adult												
366624	do	do	30												
366633	do	do	35		(oblong)		(oblong)								
Specimens			(22)		(19)	(19)	(15)	(19)	(15)	(15)	(15)			(11)	(15)
Totals			883		341.5	265.0	206.2				228.93			142.0	116.5
Averages			40.1		18.0	13.9	13.7	*77.60*	*85.81*	*97.26*	15.26			12.9	7.8
Minima			18		16.7	12.9	13.2	*70.21*	*81.55*	*93.84*	14.50			11.9	7.2
Maxima			65		19.0	14.8	14.6	*82.02*	*91.32*	*104.41*	16.0			14.4	8.6

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial total Index, $\frac{a \times 100}{c}$	Facial upper Index, $\frac{b \times 100}{c}$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
366692	------	------	------	------	------	------	------	------	3.8	------	4.0	------	*95.0*	------	5.75	2.45	*42.61*	6.1	7.1	*85.92*
366620	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
366623	------	------	------	------	------	------	------	------	3.75	------	3.9	------	*96.15*	------	5.15	2.2	*42.73*	------	------	------
372776	13.5	*92.59*	*57.78*	------	------	------	------	------	------	(High)	------	------	------	------	5.7	2.5	*43.86*	5.5	7.2	*76.39*
366697	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
366648	14.0	------	*51.43*	10.6	9.5	10.4	68.5	56.0	3.45	------	4.1	------	*84.15*	------	4.9	2.6	*53.06*	5.9	6.9	*85.51*
366694	14.4	*100.0*	*59.72*	10.3	8.9	10.0	63.5	53.0	3.65	3.7	4.4	4.1	*82.96*	*90.24*	5.8	2.8	*48.28*	6.0	6.8	*88.24*
366701	13.8	*92.03*	*56.52*	10.4	9.2	10.5	69.0	54.0	3.55	3.7	4.1	3.9	*86.59*	*94.87*	5.5	2.6	*47.27*	5.6	6.2	*90.32*
374569	14.2	------	*56.34*	10.0	9.0	10.4	70.0	60.5	3.55	3.55	4.0	3.9	*88.75*	*91.02*	5.25	2.75	*52.38*	5.7	6.6	*86.36*
377703	13.8	*97.83*	*58.70*	9.9	9.0	10.7	72.5	63.0	4.2	4.2	4.4	4.3	*95.45*	*97.67*	5.3	2.45	*46.23*	5.5	6.1	*90.16*
374566	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.2	2.7	*51.92*	------	------	------
366717	13.7	*89.78*	*55.47*	9.8	9.0	10.2	70.5	61.0	3.25	3.3	3.7	3.7	*88.84*	*89.19*	5.6	2.4	*42.86*	5.3	6.7	*79.10*
374578	------	------	------	------	------	10.6	------	------	------	------	------	------	------	------	5.2	2.7	*51.92*	5.3	6.5	*81.54*
374666	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
377713	13.6	*87.50*	*52.94*	------	8.8	10.0	------	------	3.9	4.0	4.1	4.0	*95.12*	*100.0*	5.2	2.4	*46.15*	------	------	------
366695	13.8	*87.68*	*52.90*	9.9	8.9	10.0	69.5	59.5	3.45	3.55	4.0	3.8	*86.25*	*93.42*	4.85	2.55	*52.58*	5.3	6.5	*81.54*
374552	13.5	*97.04*	*60.0*	10.7	9.6	10.4	65.5	59.0	3.5	3.6	4.0	3.9	*87.50*	*92.31*	5.3	2.5	*47.17*	5.9	6.4	*92.19*
366619	13.3	*94.74*	*57.14*	10.5	9.5	10.5	66.0	63.0	3.4	3.3	3.7	3.75	*91.85*	*88.02*	5.3	2.15	*40.57*	5.6	6.5	*86.15*
374568	13.8	------	*57.97*	10.6	9.3	10.2	64.5	55.0	3.25	3.25	3.9	3.8	*83.34*	*85.53*	5.3	2.25	*42.46*	5.6	6.6	*84.85*
366616A	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.5	6.5	*84.62*
366624	14.5	------	------	10.0	9.2	------	------	------	------	------	------	------	------	------	------	------	------	5.4	6.5	*83.08*
366633	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	5.5	6.6	*83.33*
Specimens	(13)	(9)	(12)	(11)	(12)	(12)	(10)	(10)	(13)	(10)	(13)	(10)	(13)	(10)	(16)	(16)	(16)	(16)	(16)	(16)
Totals	179.9	------	------	112.7	109.9	123.9	679.5	584.0	46.70	36.15	52.3	40.15	------	------	85.3	40.0	------	89.70	105.7	------
Averages	13.8	*93.27*	*56.41*	10.2	9.15	10.3	67.95	58.40	3.4	3.6	4.0	4.0	*89.29*	*90.04*	5.3	2.5	*46.89*	5.6	6.6	*84.86*
Minima	13.3	*87.50*	*51.43*	9.8	8.8	10.0	63.5	53.0	3.25	3.25	3.7	3.7	*82.96*	*85.53*	4.85	2.15	*40.57*	5.3	6.1	*76.39*
Maxima	14.5	*100.0*	*60.0*	10.7	9.6	10.7	72.5	63.0	4.2	4.2	4.4	4.3	*96.15*	*100.0*	5.8	2.8	*53.06*	6.1	7.2	*92.19*

[1] Allowance made for wear of teeth, where needed.
[2] Near.

KODIAK ISLANDS: PRE-KONIAG, "RED" FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
374652	U.S.N.M.	Our Point, Uyak Bay	35		18.2	12.8	14.0	*70.33*	*90.32*	*109.37*	15.0				7.9
363632	do	do	Mid-aged		17.5	12.6	13.4	*72.0*	*89.04*	*106.35*	14.50				7.5
374658	do	do	Elderly		18.3	13.2		*72.13*							
366635	do	do	35		17.3	12.5		*72.25*						11.7	7.0
372830	do	do	25		17.6	12.8	14.0	*72.73*	*92.11*	*109.37*	14.80				7.2
366611 (slightly ♂-like but probably ♀).	do	do	25		18.0	13.1	13.0	*72.78*	*83.60*	*99.24*	14.70			11.7	7.1
366614	do	do	Sub-adult		17.9	13.1		*73.18*							
366639	do	do	30		17.7	13.0	13.1	*73.45*	*85.34*	*100.77*	14.60			(face badly damaged in life)	
377704	do	do	50		18.0	13.3	13.7	*73.89*	*87.54*	*103.01*	15.0				
372834	do	do	30		17.5	13.0	14.0	*74.29*	*91.80*	*107.69*	14.83			12.7	7.6
372827	do	do	60		17.8	13.6	13.7	*76.40*	*87.26*	*100.74*	15.03				
372828	do	do	50		17.9	13.3	13.6	*74.30*	*87.18*	*102.26*	14.93				7.6
374601	do	do	40		18.3	13.6	13.7	*74.32*	*85.90*	*100.74*	15.29			12.6	7.7
374604	do	do	40		17.6	13.1	13.0	*74.43*	*84.70*	*99.24*	14.57			12.4	7.2
372812	do	do	20		17.8	13.3	12.4	*74.72*	*79.75*	*93.23*	14.50			10.8	6.7
366663	do	do	60		17.8	13.4		*75.28*							
377702	do	do	75		17.8	13.4	12.6	*75.28*	*80.77*	*94.03*	14.60				8.2
363627	do	do	Sub-adult		17.4	13.1	14.0	*75.29*	*91.80*	*106.87*	14.83			12.1	7.2
371602	do	do	30		17.0	12.8	13.4	*75.29*	*89.93*	*104.69*	14.40			12.0	7.4
366651	do	do	Near mid-aged		17.5	13.2		*75.43*							7.5
366703	do	do	Young adult or near.		18.0	13.6		*75.56*						11.2	6.8
366709	do	do	50		17.7	13.4	14.3	*75.71*	*91.91*	*106.72*	15.13			12.8	7.7
374662	do	do	Young adult.		17.8	13.5		*75.84*							
366668	do	do	40		17.4	13.2	13.8	*75.86*	*90.20*	*104.55*	14.80				7.7
377728	do	do	25		17.0	12.9	13.9	*75.88*	*93.98*	*107.75*	14.60			12.4	7.6
374626	do	do	30		17.5	13.3	(High)	*76.0*						12.4	8.0
374683	do	do	Mid-aged		17.6	13.4	13.5	*76.14*	*87.10*	*100.75*	14.83			13.0	8.0
374687	do	do	30		16.8	12.8	12.8	*76.19*	*86.49*	*100.0*	14.13			11.2	6.9
374686	do	do	Mid-aged		17.3	13.2		*76.30*							7.7
374651	do	do	Old		18.0	13.8	12.6	*76.67*	*79.25*	*91.30*	14.80				

374658	do	do	26		18.0	13.8	14.0	76.67	88.05	101.46	15.27		11.9	7.2
374667	do	do	Young adult.		17.6	13.5	12.5	76.70	80.39	92.59	14.53		12.0	7.4
374605	do	do	30		17.8	13.7	12.8	76.97	81.27	93.43	14.77		12.1	7.3
374629	do	do	24		17.2	13.3	12.8	77.33	84.99	96.24	14.43		11.7	7.2
372332	do	do	45		17.7	13.7	13.7	77.40	87.26	100.00	15.03		12.8	7.7
374671	do	do	Elderly		17.8	13.8	12.8	77.53	81.01	92.75	14.80			
374632	do	do	30		16.5	12.8	12.8	77.58	87.37	100.0	14.03		11.8	7.3
363626	do	do	30		17.4	13.5	13.4	77.59	86.73	99.26	14.77		13.0	8.0
372831	do	do	50		18.0	14.0	13.8	77.78	86.25	98.57	15.27			8.1
377729	do	do	55		17.1	13.3	13.4	77.78	88.16	100.75	14.60		12.0	7.3
374624	do	do	Old		17.6	13.7	13.3	77.84	87.79	97.08	14.87			
363644	do	do	55		17.2	13.4	13.8	77.91	90.20	102.99	14.80			7.2
366708	do	do	24		17.2	13.4	13.8	77.91	90.20	102.99	14.80		11.9	7.3
374654	do	do	30		17.2	13.4	13.2	77.91	86.27	98.51	14.60		12.0	7.2
377731	do	do	40		17.7	13.8	13.8	77.97	87.62	100.0	15.10			7.9
366612	do	do	Aged		17.3	13.5	13.0	78.03	84.12	96.30	14.60			
374619	do	do	55		17.3	13.5	13.1	78.03	85.06	97.04	14.63		12.6	7.6
374645	do	do	Elderly		17.8	13.9	13.9	78.09	87.70	100.0	15.20			7.4
367235	do	Uyak Bay, Amook Islands.	25		16.9	13.2	14.0	78.11	93.02	106.06	14.70		12.6	7.4
374664	do	Our Point, Uyak Bay	55		17.4	13.6	13.2	78.16	85.16	97.06	14.73			6.9
372838	do	do	50		17.0	13.3	12.6	78.24	82.26	94.74	14.30			
366672	do	do	25		17.5	13.7	13.2	78.29	84.62	96.35	14.80			7.2
372835	do	do	50		17.1	13.4	13.1	78.36	85.90	97.76	14.53			7.4
374603	do	do	30		17.1	13.4	14.1	78.36	92.46	105.22	14.87		11.9	7.7
374633	do	do	55		17.1	13.4	13.6	78.36	89.18	101.49	14.70		12.4	7.6
374613	do	do	35		18.1	14.2	13.8	78.45	85.45	97.18	15.37		12.3	7.7
377732	do	do	55		16.8	13.2	13.6	78.57	90.67	103.63	14.53			7.4
367229	do	do	18		17.3	13.6	12.2	78.61	78.97	89.71	14.37			6.2
374665	do	do	Elderly	(Asymmetry)	16.9	13.3	12.6	78.70	83.44	94.74	14.27		12.4	7.6
374663	do	do	40		17.5	13.8	14.6	78.86	93.29	105.80	15.30			8.0
367210	do	do	Old		17.2	13.6	12.7	79.07	82.47	93.38	14.50			
374649	do	do	24		16.4	13.0	13.2	79.27	89.80	101.54	14.20			6.6
374634	do	do	35		16.9	13.4		79.29						
374646	do	do	45		16.9	13.4	13.5	79.29	89.11	100.75	14.60			7.4
374684	do	do	24		17.0	13.5	13.4	79.41	87.87	99.26	14.63		12.4	7.6
366674	do	do	24		17.1	13.6	13.2	79.53	85.99	97.06	14.63			7.1
372815	do	do	40		17.1	13.6	13.6	79.53	88.60	100.0	14.77		12.3	7.0
374673	do	do	45		17.2	13.7	13.6	79.65	88.02	99.27	14.83		12.1	7.4
366664	do	do	35		16.8	13.4	13.1	79.76	86.75	97.76	14.43		12.8	7.7
366671	do	do	30		17.8	14.2	14.3	79.78	89.37	100.70	15.43		11.9	7.2
363629	do	do	Young adult.		16.6	12.8	13.0	80.0	90.28	101.56	13.93			
363634	do	do	Aged		17.0	13.6	13.8	80.0	90.20	101.47	14.86			7.3
366675	do	do	20		17.5	14.0	13.2	80.0	83.81	94.29	14.90		11.1	6.7
337205	do	do	50		17.5	14.0	13.8	80.0	87.62	98.57	15.10		13.2	7.9
374657	do	do	20		17.0	13.6	13.6	80.0	88.89	100.0	14.73		10.9	6.6
366631	do	do	30		17.6	14.1		80.11						
363631	do	do	Mid-aged		16.6	13.3	14.0	80.12	93.64	105.26	14.63			7.0
372816	do	do	60		17.2	13.8	13.6	80.23	87.74	98.55	14.87			7.9
374615	do	do	50		17.2	13.8		80.23					12.3	7.1

KODIAK ISLANDS: PRE-KONIAG, "RED" FEMALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
366649	do	do	22		17.8	14.3	13.0	*80.34*	*81.0*	*90.91*	15.03			11.6	7.2
374620	do	do	20		16.1	13.0	12.8	*80.75*	*87.97*	*98.46*	13.97				6.8
363613	do	do	Mid-aged		17.3	14.0	13.3	*80.92*	*84.98*	*95.0*	14.87			12.2	7.4
366603	do	do	24		16.3	13.2	13.8	*80.98*	*93.56*	*104.55*	14.43			11.2	6.8
366610	do	do	19		16.5	13.4	12.3	*81.21*	*82.28*	*91.79*	14.07			11.9	7.5
363044	do	do	30		17.2	14.0	13.6	*81.40*	*87.18*	*97.14*	14.93				7.8
366604	do	do	35		16.6	13.2	13.3	*81.48*	*89.26*	*100.76*	14.37				8.1
374635	do	do	Elderly		17.2	14.0	13.4	*81.40*	*85.90*	*95.71*	14.87				7.3
374661	do	do	30		16.7	13.6	13.3	*81.44*	*87.79*	*97.79*	14.53			12.1	7.0
377730	do	do	50		17.4	14.2	13.4	*81.61*	*84.81*	*94.37*	15.0			12.6	7.6
374670	do	do	Elderly		16.9	13.8	14.0	*81.66*	*91.20*	*101.45*	14.90				7.0
372814	do	do	25		16.5	13.5	13.2	*81.82*	*88.0*	*97.78*	14.40			12.0	7.0
363630	do	do	24		16.6	13.6	13.2	*81.93*	*87.42*	*97.06*	14.47				7.1
366682	do	do	21		16.6	13.6	13.5	*81.93*	*89.40*	*99.26*	14.57			11.9	7.1
377734	do	do	35		16.8	13.8	13.2	*82.14*	*86.27*	*95.65*	14.60				6.8
374617	do	do	40		17.5	14.4	14.3	*82.29*	*89.66*	*99.31*	15.40				7.1
363614	do	do	25		17.0	14.0	13.4	*82.35*	*86.45*	*95.71*	14.80			12.1	7.0
374653	do	do	Elderly		17.0	14.0	13.7	*82.35*	*88.39*	*97.86*	14.90				7.8
374648	do	do	Old	(Asymmetry)	17.0	14.0	13.4	*82.35*	*86.45*	*95.71*	14.80				
366602	do	do	55		17.4	14.1	12.4	*82.46*	*78.73*	*87.94*	14.63			11.8	7.1
374611	do	do	55		16.7	13.8	13.0	*82.63*	*85.05*	*94.20*	14.50				7.5
374659	do	do	30		16.8	13.9		*82.74*							
377735	do	do	50		16.8	13.9	13.4	*82.74*	*87.30*	*96.40*	14.70				7.7
377737	do	do	30		16.8	13.9	13.6	*82.74*	*88.60*	*97.84*	14.77				7.1
374681	do	do	20		16.9	14.0	13.7	*82.84*	*88.67*	*97.86*	14.87				6.9
366707	do	do	24		17.0	14.1	13.8	*82.94*	*88.75*	*97.87*	14.97			11.7	7.2
366673	do	do	35		16.5	13.7	13.4	*83.03*	*88.74*	*97.81*	14.53				7.5
374655	do	do	40		17.8	14.8	13.2	*83.15*	*80.98*	*89.19*	15.27			11.8	7.1
367207	do	do	45		16.8	14.1	14.2	*83.93*	*91.91*	*100.71*	15.03				7.9
363628	do	do	Aged	Badly crushed	(long and narrow)										
363645	do	do	40		(oblong)										7.6
Specimens			(110)		(108)	(108)	(95)	(108)	(95)	(95)	(95)			(51)	(91)
Totals			4395		1,865.6	1,461.7	1,273.4				1,399.51			615.7	669.9
Averages			40		17.27	13.53	13.40	*78.35*	*87.06*	*98.90*	14.73			12.07	7.36
Minima			18		16.00	12.5	12.2	*70.33*	*78.73*	*87.94*	13.93			10.8	6.2
Maxima			75		18.3	14.8	14.6	*83.93*	*93.64*	*109.87*	15.43			13.2	8.2

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
374652						10.8				3.8		4.0		95.0	5.6	2.3	41.07			
363632	12.3		60.98			10.7				3.55		3.65		97.26						
374658																				
366635							72.0		3.25	3.35	3.7	3.6	87.84	93.06	4.8	2.35	48.96	5.1	5.8	87.93
372830	12.5		57.60	9.8	9.0	10.1		65.0	3.3	3.4	3.8	3.8	86.84	89.47	5.1	2.3	45.10	5.2	6.1	82.25
366611	13.0	90.0	54.62						3.25		3.8		85.53		5.0	2.4	48.0	5.5	6.7	82.09
366614																				
366639																				
377704						11.0												5.6	6.3	88.89
372834	14.0	90.71	54.29	10.7	9.8	11.2			3.65		3.95		92.41		5.45	2.5	45.87	5.2	6.5	80.00
372827	12.9					10.4	74.0	60.0												
372828	12.1		62.81	10.1	8.9	10.3	73.0	60.0	3.45	3.5	3.7	3.7	93.24	94.59	5.1	2.2	43.14	5.3	6.7	79.10
374601	13.0	96.92	59.23	10.0	8.8	10.1	68.5	56.0	3.4	3.35	3.9	3.9	87.18	85.90	5.2	2.3	44.23	5.6	6.4	87.50
374604	12.8	96.88	56.25	10.0	8.9	10.0	69.5	53.5	3.55	3.45	3.9	3.8	91.03	90.79	5.15	2.3	44.67	5.2	5.9	88.14
372812	12.5	86.40	53.60	9.8	8.8	9.5	67.5	54.5	3.4	3.4	3.7	3.8	91.89	89.47	4.75	2.1	44.22	5.2	6.0	86.67
366663																		5.5	6.7	82.09
377702	13.6		60.29	9.8	9.0	10.2	69.0	64.5	3.55	3.65	4.3	4.2	82.56	86.90	5.5	2.8	50.91			
363627	12.9	93.80	55.81	10.5	9.4	10.4	69.0	54.5	3.5	3.55	3.7	3.6	94.59	98.61	5.1	2.2	43.14	5.6	6.7	83.58
374602	13.2	90.91	56.06	9.9	8.7	9.8	67.5	54.5	3.5	3.65	3.95	3.8	88.61	96.05	4.95	2.4	48.49	5.4	6.6	81.82
366651									3.55		3.8		93.42		5.2	2.1	40.38			
366703									3.7	3.6	3.5	3.6	105.71	100.0	5.0	2.2	44.0	5.1	6.1	83.61
366709	12.8	100.0	60.16	10.4	9.2	10.5	69.0	55.5	3.5	3.5	3.9	3.8	89.74	92.11	5.25	2.5	47.62	5.3	6.7	79.10
374662																		5.3	6.7	79.10
366668	13.0		59.23	9.9	8.8	10.0	68.5	57.5	3.4	3.35	3.7	3.6	91.89	93.05	5.2	2.55	45.04	5.5	6.6	83.33
377728	12.3	100 81	61.79	10.2	8.8	10.1	67.5	52.5	3.45	3.55	3.8	3.7	90.79	95.95	4.95	2.45	49.49	5.5	6.7	82.09
374626	12.8	96.88	62.50						3.35	3.5	4.0	3.85	83.75	90.91	5.4	2.3	42.59	5.5	6.0	91.67
374683	13.3	97.74	60.15	10.8	9.4	10.0	62.5	53.5	3.5	3.55	3.9	3.8	89.74	93.42	5.15	2.55	49.51	5.9	7.1	83.10
374687	12.3	91.06	56.10	10.2	9.0	9.8	66.5	54.5	3.35	3.4	3.8	3.7	88.16	91.89	4.45	2.25	50.56	5.6	6.1	91.80
374686									3.7		4.0		92.50		5.4	2.5	46.30	5.1	6.3	80.95
374651	13.4					10.0			3.65	3.75	3.8	4.0	96.05	93.75						
374656	13.1	90.84	54.96	9.7	8.6	10.4	74.0	55.0		3.8		4.0		95.0	5.05	2.4	47.53	4.9	6.5	75.38
374667	12.8	93.75	57.81	10.0	8.8	9.8	66.0	51.0		3.75		3.5		107.14	5.3	2.3	43.40	5.3	6.4	82.81
374605	13.2	91.67	55.30	10.4	9.2	10.0	66.0	55.0	3.15	3.3	3.9	3.9	80.77	84.62	4.75	2.35	49.47	5.6	6.7	83.58
374629	13.1	89.31	54.96	9.4	8.8	10.2	74.5	65.0	3.7	3.7	4.0	4.0	92.50	92.50	5.35	2.45	45.79	5.0	6.3	79.37
372832	12.9	99.22	59.69	9.5	8.5	9.9	70.0	60.0	3.55	3.5	3.7	3.7	95.95	94.59	4.95	2.4	48.49	5.3	6.5	81.54

KODIAK ISLANDS: PRE-KONIAG, "RED" FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
374671						9.8														
374632	13.0	80.77	56.15	10.3	9.2	10.0	66.5	52.0	3.25	3.35	3.9	3.8	83.33	88.16	5.3	2.3	43.40	5.5	6.5	84.62
363626	12.7	102.36	63.99	10.2	9.2	10.6	70.0	60.5	3.65	3.55	4.1	4.1	89.02	86.58	5.1	2.3	42.59	5.4	6.3	85.71
372831	13.2		61.36	10.5	9.4	10.6	68.0	58.0	3.8	3.8	4.1	4.1	92.68	92.68	5.45	2.5	45.87	5.5	6.2	88.71
377729	13.0	92.31	56.15	10.8	9.6	10.2	65.0	53.0	3.3	3.4	3.65	3.6	90.41	94.44	5.0	2.5	50.0	5.7	6.4	89.06
374624	13.0				8.2	9.5			3.55	3.6	3.9	3.7	91.03	97.30	5.0	2.45	49.0			
363644	12.6		57.14	10.1	9.2	10.5	72.5	62.0	3.4	3.4	3.7	3.7	91.89	91.89	4.85	2.5	51.55	5.4	6.4	84.38
366708	12.5	95.20	58.40	9.4	8.6	9.8	71.0	60.0	3.5	3.5	3.8	3.9	92.11	89.74	5.4	2.65	49.07	5.3	6.4	82.81
374654										3.5		3.75		93.35	4.8	2.2	45.83	5.3	6.6	80.30
377731				(11.6)	(9.9)	10.0	(58.0)	(47.5)		3.55		3.95		89.87	5.1	2.2	43.14			
366612	12.8				8.0	9.1			3.7	3.7	3.8	3.7	97.37	100.0	5.5	2.35	42.73			
374619	13.5	93.33	56.30	10.6	9.4	10.1	65.0	55.0	3.6	3.7	4.1	4.0	87.80	92.50	5.1	2.4	47.06			
374645	12.9		57.36	10.2	8.9	10.2	68.5	48.5	3.55	3.6	4.0	4.0	88.75	90.0	5.4	2.65	49.07			
367235	12.0	100.0	61.67	9.9	8.6	9.9	68.0	52.5	3.85	3.75	3.85	3.7	100.0	101.35	4.9	2.3	45.94	5.0	[2] 6.7	74.63
374664	13.0		53.08	10.0	8.8	10.0	69.5	49.0	3.7	3.7	3.9	3.9	94.87	94.87	5.05	2.35	46.53	5.3	6.2	85.48
372838	13.0					9.4												5.0	6.2	80.65
366672	13.2		54.55	10.1	9.1	10.2	70.0	56.5	3.45	3.6	4.1	3.9	84.15	92.31	5.05	2.4	47.53	5.3	6.3	84.13
372835	13.1		56.49	9.5	8.6	10.0	71.5	61.0	3.5	3.55	3.8	3.7	92.11	95.95	5.05	2.2	43.57	5.1	6.6	77.27
374603	13.2	90.15	58.33	9.7	8.8	10.2	70.5	62.0	3.85	3.95	4.0	3.8	96.25	103.94	5.2	2.3	44.23	5.1	6.2	82.26
374633	12.6	98.41	60.32	9.8	8.8	9.8	67.5	60.0	3.6	3.65	3.8	3.7	94.74	98.65	5.0	2.3	46.0	5.4	6.4	84.38
374613	13.6	90.44	56.62	10.2	9.2	10.8	73.0	61.0	3.4	3.5	3.8	3.6	89.46	99.22	5.2	2.2	42.31	5.2	6.5	80.0
377732	12.7		58.27	10.3	8.9	10.2	68.0	50.5		3.25		3.6		90.28	5.0	2.4	48.0	5.2	[2] 6.5	80.0
367229	12.0		51.67	9.6	8.1	9.4	69.5	45.5	3.55	3.55	3.7	3.5	95.95	101.43	4.55	2.4	52.75	5.3	6.4	82.81
374665	13.4	92.54	59.72		8.8	9.7			3.35	3.5	4.1	3.9	81.71	89.74	5.1	2.35	46.08	5.4	6.2	87.10
374663	13.3		60.15	9.4	8.4	10.4	73.0	60.0	3.6	3.55	4.0	3.8	99.0	93.42	5.35	2.6	48.61	5.3	6.4	82.81
367210	13.6				8.6	10.2			3.5	3.65	4.1	3.9	85.37	95.59	5.15	2.3	44.67			
374649	12.0		55.0	9.7	8.8	9.6	69.0	55.0	3.6	3.5	3.6	3.6	100.0	97.22	4.8	2.0	41.67	5.1	5.9	86.44
374631																				
374646	13.6		54.41	10.2	9.0	9.9	66.0	50.0	3.45	3.55	4.0	3.9	86.25	91.03	5.4	2.6	48.15	5.2	[2] 7.0	74.29
374684	13.0	95.38	58.46	9.8	8.8	9.9	68.0	57.5	3.65	3.75	3.9	3.8	93.59	98.68	5.4	2.2	40.74	5.4	6.4	84.38
366574	12.9		55.04	9.6	8.6	9.8	70.0	56.0	3.4	3.4	4.0	3.8	85.0	89.47	5.0	2.35	47.0	5.0	6.3	79.37
372815	13.3	92.48	52.68	10.0	8.6	10.2	71.5	49.0	3.45	3.7	3.95	3.9	87.34	94.87	4.85	2.4	49.49	5.6	6.6	84.85
374573	12.6	93.03	58.73	9.6	8.6	10.0	71.0	58.0	3.15	3.15	3.6	3.7	87.50	85.14	5.1	2.7	52.94	5.5	6.5	84.62
366664	12.5	102.40	61.60	10.2	8.8	9.9	65.5	53.0	3.7	3.85	3.9	3.8	94.87	101.32	4.95	2.3	46.47	5.7	6.8	83.82
366671	13.1	90.84	54.96	9.8	8.8	9.8	68.5	56.5	3.25	3.3	3.6	3.55	90.28	92.98	4.9	2.55	52.04	5.4	6.6	81.82
363629																				

363634	13.3		*54.89*		8.3	10.0			3.5	3.35	4.1	4.0	*85.37*	*83.75*	5.0	2.5	*50.0*			
366675	12.5	*88.80*	*53.60*	9.3	8.2	9.2	68.0	53.0	3.45	3.45	3.7	3.5	*93.24*	*98.57*	4.6	2.3	*50.0*			
367205	13.3	*99.25*	*59.40*	9.4	8.4	9.6	66.5	60.0	3.75	3.65	4.05	3.9	*92.59*	*93.59*	5.2	2.45	*47.12*	5.2	6.8	*76.47*
374657	12.4	*87.90*	*53.23*	10.1	9.0	10.1	71.0	52.0	3.35	3.4	3.7	3.6	*90.54*	*94.44*	4.7	2.3	*48.94*	5.4	6.7	*80.60*
366931																				
363631	12.8		*54.69*			10.2				3.65		3.65		*100.0*	4.8	2.5	*52.08*			
372816	12.8		*71.72*		8.5	9.8			3.6	3.6	3.6	3.5	*100.0*	*102.86*	5.8	2.2	*37.93*			
374615										3.7		3.8		*97.37*	4.7	2.35	*50.0*	5.0	5.5	*90.91*
366649				10.4	9.4	10.0	66.5	58.5	3.9		3.85		*101.30*		4.85	2.4	*49.49*	5.3	6.0	*83.33*
374620	13.0		*52.31*	9.6	8.8	9.6	69.0	60.5	3.3	3.3	3.8	3.8	*86.84*	*86.84*	4.75	2.3	*48.43*	5.3	6.8	*77.94*
363613	13.4	*91.04*	*55.22*	10.3	9.1	10.0	66.5	56.0	3.55	3.5	3.8	3.8	*92.42*	*92.11*	4.8	2.35	*48.96*	5.7	6.6	*86.56*
366603	12.1	*92.56*	*56.20*	9.3	8.4	9.6	71.5	58.0	3.2	3.25	3.45	3.4	*92.75*	*95.59*	4.8	2.3	*47.92*	5.2	6.1	*85.25*
366610	12.9	*92.25*	*58.14*	10.1	8.9	9.8	66.0	52.0	3.45	3.5	3.9	3.7	*88.46*	*94.59*	5.3	2.4	*45.28*	5.5	6.7	*82.09*
363044	13.1		*59.54*	10.3	8.8	10.2	67.0	48.0	3.75	3.75	3.95	4.0	*94.94*	*93.75*	5.35	2.3	*43.0*	5.6	6.8	*82.35*
366604	12.5		*64.89*	10.6	9.2	9.8	61.5	53.5	3.5	3.6	3.7	3.6	*94.59*	*100.0*	5.15	2.3	*44.67*	5.6	6.2	*90.32*
374635	13.6		*53.68*	10.2	9.2	10.4	71.0	56.5		3.35		3.9		*85.90*	5.2	2.45	*47.11*			
374661	12.6	*96.03*	*55.56*	9.2	8.4	9.6	71.0	62.0	3.5	3.55	3.8	3.7	*92.11*	*95.94*	4.8	2.15	*44.79*	4.8	6.2	*77.42*
377730	13.0	*96.92*	*58.46*	9.5	8.4	9.6	67.0	55.5	3.6	3.55	4.25	4.1	*84.71*	*86.58*	5.2	2.3	*44.23*	5.1	6.7	*76.12*
374670	13.2		*53.03*	9.8	8.8	9.8	69.0	57.5	3.45	3.45	3.95	3.85	*87.34*	*89.61*	4.7	2.65	*56.33*			
372814	13.4	*89.55*	*52.24*	9.9	8.8	10.2	71.5	53.5	3.4	3.3	3.8	3.8	*89.47*	*86.84*	5.0	2.1	*42.0*	5.2	6.3	*82.54*
363630	12.7		*55.91*	10.1	8.8	9.5	64.5	51.0	3.3		3.8		*86.84*		4.8	2.1	*43.75*	5.4	6.3	*85.71*
366682	12.4	*95.97*	*57.26*	9.3	8.3	9.4	68.0	56.5	3.35	3.3	3.7	3.7	*90.54*	*89.19*	4.85	2.2	*45.37*	5.3	6.2	*85.48*
377734	12.9		*52.71*	9.7	8.7	9.6	68.5	49.5	3.4	3.45	3.75	3.7	*90.67*	*93.24*	5.2	2.4	*46.15*	5.2	6.6	*78.79*
374617	13.5		*52.59*	9.5	8.5	9.8	70.5	56.0	3.6	3.6	3.95	3.8	*91.14*	*94.74*	5.05	2.4	*47.53*	5.1	6.8	*75.0*
363614	12.5	*96.80*	*56.0*	9.2	8.2	9.6	71.0	58.0	3.7	3.55	3.9	3.7	*94.87*	*95.95*	4.65	2.2	*47.32*	5.1	6.2	*82.26*
374653	13.0		*60.0*	10.0	9.0	10.0	67.5	60.0	3.7	3.7	4.1	3.9	*90.24*	*94.87*	5.25	2.3	*43.82*			
374648						9.9														
366602	13.2	*89.39*	*53.79*	9.5	8.2	9.1	65.0	47.0	3.75	3.7	3.75	3.8	*100.0*	*97.37*	5.1	2.4	*47.06*			
374611	12.9		*58.14*	9.9	8.7	9.8	67.0	55.5	3.5	3.6	3.8	3.7	*92.11*	*97.30*	5.2	2.6	*50.0*	5.6	6.6	*84.85*
374659																				
377735	12.9		*59.69*		8.8	10.0				3.7		3.5		*105.71*						
377737	13.3		*63.38*	10.0	8.9	9.9	68.5	55.5	3.4	3.4	3.8	3.75	*89.47*	*99.67*	4.8	2.5	*52.08*	5.4	6.6	*81.82*
374681	12.7		*54.33*	9.8	8.8	9.8	69.0	55.5	3.4	3.55	3.7	3.6	*91.89*	*98.61*	4.9	2.2	*44.90*	5.3	6.5	*81.54*
366707	12.6	*92.86*	*57.14*	9.6	8.4	9.4	66.0	53.0	3.65	3.7	3.75	3.6	*97.33*	*102.78*	4.95	2.5	*50.51*	5.2	6.1	*85.25*
366673	12.4		*60.48*	9.3	8.3	9.4	67.0	58.5	3.15	3.25	3.8	3.6	*83.99*	*90.28*	5.05	2.5	*49.51*	5.0	6.6	*75.76*
374655	14.2	*83.10*	*60.0*			10.2			3.7	3.8	4.1	3.85	*90.24*	*98.72*	5.1	2.45	*48.04*	5.4	6.0	*90.0*
367207	13.4		*58.96*	9.9	8.9	9.8	65.5	58.0	3.55	3.55	3.9	3.9	*91.02*	*91.02*	5.5	2.3	*41.82*	5.4	6.2	*87.10*
363628									3.5		3.7		*94.59*		5.0	2.3	*46.0*			
363645									3.4	3.5	4.1	3.8	*83.93*	*92.11*	5.3	2.6	*49.06*	5.1	6.2	*82.26*
Specimens	(87)	(46)	(81)	(73)	(80)	(91)	(73)	(73)	(85)	(89)	(85)	(89)	(85)	(89)	(93)	(93)	(93)	(79)	(79)	(79)
Totals	1,.125	2		724.4	704.2	907.6	4,979.0	4,063.5	297.95	315.2	327.95	335.85			471.8	220.2		420.3	506.9	
Averages	12.93	*93.68*	*56.83*	9.92	8.8	9.97	68.21	55.66	3.51	3.54	3.86	3.77	*90.85*	*93.85*	5.07	2.37	*48.67*	5.32	6.42	*82.93*
Minima	12.0	*83.10*	*51.67*	9.2	8.2	9.1	61.5	45.5	3.15	3.15	3.45	3.4	*80.77*	*83.75*	4.45	2.0	*37.93*	4.8	5.5	*74.29*
Maxima	14.2	*102.40*	*64.80*	10.8	9.8	11.2	74.5	65.0	3.9	3.95	4.3	4.2	*105.71*	*107.14*	5.8	2.8	*56.33*	5.9	7.1	*91.80*

[1] Allowance made for wear of teeth, where needed.
[2] Near.

KODIAK ISLANDS: PRE-KONIAG, "RED" OR "BLUE" FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. anteroposterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
377707 (somewhat ♂-like, but astrong ♀)	U.S.N.M.	Our Point, Uyak Bay	30		17.7	13.5	13.4	*76.27*	*85.90*	*99.26*	14.87			12.1	7.3
374660	do	do	Young adult		18.1	14.0		*77.35*							

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a\times100}{c}\right)$	*Facial Index, upper* $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
377707	13.6	*88.97*	*53.68*	10.5	9.2	10.2	67.5	52.5	3.5	3.6	4.1	4.0	*85.37*	*90.0*	4.9	2.5	*51.02*	5.7	6.5	*87.69*
376640																				

[1] Allowance made for wear of teeth, where needed.
[2] Near.

KODIAK ISLAND: PRE-KONIAG, "BLUE" FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
366636	U.S.N.M.	Our Point, Uyak Bay	45		17.9	12.8		*71.51*							
374560	do	do	60		18.1	13.3	13.4	*73.48*	*85.35*	*100.75*	14.93			12.0	7.3
377747	do	do	70		18.0	13.4	13.8	*74.44*	*87.90*	*102.99*	15.07				8.0
366666	do	do	Sub-adult		18.1	13.7	13.4	*75.69*	*84.28*	*97.81*	15.07				7.0
366696	do	do	Near mid-aged.		16.6	12.6	11.9	*75.90*	*81.51*	*94.44*	13.70			12.1	7.6
374553	do	do	30		17.3	13.2	13.8	*76.30*	*90.50*	*104.55*	14.77			12.2	7.8
374555	do	do	25		17.3	13.2	12.2	*76.30*	*80.0*	*92.42*	14.23			11.5	6.8
363610	do	do	35		17.7	13.6	13.2	*76.84*	*84.35*	*97.06*	14.83			11.2	7.1
366626	do	do	Mid-aged		17.7	13.6	13.6	*76.84*	*86.90*	*100.00*	14.97				
374557	do	do	65		18.3	14.1		*77.05*							7.7
374567	do	do	60		16.8	13.0	13.5	*77.38*	*90.60*	*103.85*	14.43				7.0
372780	do	do	35		17.1	13.3	12.8	*77.78*	*84.21*	*96.24*	14.40				6.5
374660	do	do	Young adult		18.0	14.0		*77.78*							
372781	do	do	20		17.8	13.9	13.9	*78.09*	*87.70*	*100.00*	15.20				7.0
374664	do	do	Elderly		17.4	13.6	13.2	*78.16*	*85.16*	*97.06*	14.73				
366693	do	do	Mid-aged		18.0	14.1	13.6	*78.33*	*84.74*	*96.45*	15.23				7.2
366702	do	do	Somewhat aged		17.7	13.9	13.1	*78.53*	*82.91.*	*94.24*	14.90				7.5
366606	do	do	25		17.1	13.5	13.2	*78.95*	*86.27*	*97.78*	14.60			12.6	7.8
366625	do	do	23		16.4	13.0		*79.27*							6.8
377727	do	do	30		16.8	13.4	13.2	*79.76*	*87.42*	*98.51*	14.47				7.2
374566	do	do	60		16.9	13.5	13.2	*79.88*	*86.84*	*97.78*	14.53			12.3	7.6
372779	do	do	55		17.2	13.8	13.9	*80.23*	*89.68*	*100.72*	14.97				7.9
372778	do	do	60		16.6	13.4	13.0	*80.72*	*86.67*	*97.01*	14.33			11.9	6.9
366637	do	do	23		17.8	14.4	13.2	*80.90*	*81.99*	*91.67*	15.13			12.5	7.5
374551	do	do	Elderly		16.8	14.2		*84.52*						12.0	7.0
372881	do	do	35		(oblong)										7.9
374575	do	do	Near adult											11.8	7.3
Specimens			(27)		(25)	(25)	(20)	(25)	(20)	(20)	(20)			(11)	(23)
Totals			1126		435.4	338.5	265.1				294.49			132.10	168.5
Averages			41.7		17.42	13.54	13.26	*77.74*	*85.74*	*98.04*	14.72			12.01	7.32
Minima			20		16.4	12.6	11.9	*71.51*	*80.0*	*91.67*	13.70			11.2	6.5
Maxima			70		18.3	14.4	13.9	*84.52*	*90.60*	*104.55*	15.23			12.6	8.0

KODIAK ISLAND: PRE-KONIAG, "BLUE" FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
366636																				
374560	13.3	*90.23*	*54.89*	10.1	8.9	10.2	69.5	53.0		3.65		4.1		*89.02*	5.1	2.7	*52.94*	5.3	6.4	*82.81*
377747						11.0			3.9		4.3		*90.70*							
366666						9.9									5.0	2.45	*49.0*			
366696	12.8	*94.53*	*59.38*	9.9	8.7	9.1	63.5	52.0		3.8		3.7		*102.8*	5.3	2.0	*37.74*	5.4	6.4	*84.38*
374553	12.6	*96.83*	*61.90*			10.3				3.5		3.9		*89.74*	5.4	2.8	*51.85*	5.4	6.2	*81.10*
374555	12.7	*90.55*	*58.54*	9.8	8.8	9.6	67.5	52.5	3.3	3.3	3.6	3.5	*91.67*	*94.29*	4.9	2.5	*51.03*	5.2	6.2	*83.87*
363610	13.1	*85.50*	*54.20*	9.6	8.6	10.0	72.0	57.0	3.6	3.7	4.05	3.9	*88.90*	*94.87*	5.0	2.4	*48.0*	5.0	6.0	*83.33*
366626						11.0														
374557	12.7		*60.63*												5.45	2.4	*44.04*			
374567	13.1		*53.44*		8.6	9.8			3.3	3.4	3.9	3.8	*84.62*	*89.47*	4.65	2.4	*51.63*	5.0	6.2	*80.65*
372780	12.8		*50.78*	10.5	9.2	9.6	64.0	45.0	3.3		3.8		*86.84*		4.6	2.6	*56.52*	5.5	6.8	*80.88*
374660																				
372781	11.8		*59.32*			10.0			3.5	3.5	3.9	3.8	*89.74*	*92.11*	4.8	2.15	*42.71*	5.1	6.3	*80.95*
374664	13.0				8.9	10.0			3.7	3.65	4.0	3.9	*92.50*	*93.59*	5.1	2.4	*47.06*	5.4	6.3	*85.71*
366693										3.6		3.8		*94.74*	5.3	2.2	*41.51*			
366702	13.5		*55.56*		9.0	10.0				3.55		3.9		*91.02*	5.1	2.4	*47.06*	5.3	6.7	*76.81*
366606	13.1	*96.18*	*59.54*	10.1	8.7	10.0	66.5	49.5	3.4	3.4	3.8	3.8	*89.47*	*89.47*	5.4	2.5	*46.30*	5.7	7.0	*81.43*
366625									3.3		3.6		*91.67*		4.95	2.1	*42.43*			
377727	12.4		*58.06*	10.2	9.0	10.0	67.5	48.5	3.6		4.0		*90.0*		5.3	2.4	*45.28*			
374566	13.4	*91.79*	*56.72*			10.1			3.5		3.9		*89.74*		5.2	2.2	*42.31*			
372779	12.5		*63.20*	9.8	8.8	10.3	70.5	59.5	3.8	3.7	3.9	3.8	*97.44*	*97.37*	5.35	2.55	*47.66*	5.2	5.8	*89.66*
372778	12.5	*92.50*	*55.20*	9.1	8.2	9.3	69.5	58.5	3.45	3.4	3.9	3.9	*88.46*	*87.18*	4.8	2.5	*52.08*	5.2	6.5	*80.0*
366637	13.0	*96.15*	*57.69*	10.1	8.8	9.6	64.5	51.0							5.15	2.1	*40.78*	5.2	6.1	*85.25*
374551	13.3	*90.23*	*52.63*												5.0	2.5	*50.0*	5.0	6.6	*75.76*
372881	13.3		*59.40*						3.75		3.95		*94.94*		5.3	2.3	*43.40*			
374575				9.4	8.5	9.8	71.0	58.5		3.4		3.7		*91.89*	5.25	2.3	*43.83*	5.3	6.6	*80.30*
Specimens	(19)	(10)	(18)	(11)	(14)	(20)	(11)	(11)	(14)	(14)	(14)	(14)	(14)	(14)	(23)	(23)	(23)	(16)	(16)	(16)
Totals	244.9			108.6	122.7	199.9	746.0	585.0	49.4	49.55	54.6	53.5			117.4	54.85		84.20	102.3	
Averages	12.89	*92.68*	*57.96*	9.87	8.76	10.0	67.82	53.18	3.53	3.54	3.90	3.82	*90.48*	*92.62*	5.10	2.38	*46.72*	5.26	6.39	*82.31*
Minima	11.8	*85.50*	*52.63*	9.1	8.2	9.3	63.5	45.0	3.3	3.3	3.6	3.5	*84.62*	*87.18*	4.6	2.0	*37.74*	5.0	5.8	*75.76*
Maxima	13.5	*96.83*	*63.20*	10.5	9.2	11.0	72.0	59.5	3.9	3.8	4.3	4.1	*97.44*	*102.7*	5.45	2.8	*56.52*	5.7	7.0	*89.66*

[1] Allowance made for wear of teeth, where needed.

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
242924	U.S.N.M.	Černovski	Adult		18.4	14.7	13.0	*79.9*	*78.6*		15.37	1,580.0		12.9	7.9
342848	do	Unalaska	do		18.3	14.7	13.0	*80.3*	*78.8*		15.33	1,475.0			7.4
242863	do	Adak Island	do		18.0	14.5	12.4	*80.6*	*76.3*		14.97				7.3
365731	do	Veseli Island	40		18.2	14.7	13.4	*80.8*	*81.5*		15.43				7.8
378300	do	Černovski	60		18.2	14.7	12.9	*80.8*	*78.4*		15.27			13.5	8.0
378305	do	do	65		18.6	15.1	12.6	*81.2*	*74.8*		15.43				7.9
7764	Moscow Mus.	Umnak	55		18.2	14.8	13.2	*81.3*	*80.0*		15.40				7.3
365727	U.S.N.M.	Veseli Island	60		18.2	14.8	12.6	*81.3*	*76.4*		15.20				
378461	do	Shiprock near Umnak	28		18.9	15.4	13.0	*81.5*	*75.8*		15.77	1,470.0		12.3	7.5
242930	do	Černovski	Adult		17.8	14.5	12.6	*81.5*	*78.0*		14.97	1,360.0			7.5
7785	Moscow Mus.	Umnak	do		18.4	15.0	13.8	*81.5*	*82.6*		15.73				
7795	do	do	55		18.4	15.0	12.6	*81.5*	*75.5*		15.33			13.0	7.7
7788	do	do	35		17.9	14.6	12.7	*81.6*	*78.2*		15.07				7.7
374827	U.S.N.M.	Kanaga	35		17.4	14.2	12.7	*81.6*	*80.4*		14.77			12.6	7.5
378273	do	Kashega	45		17.4	14.2	12.5	*81.6*	*79.1*		14.70				7.6
7821	Moscow Mus.	Umnak	50		18.0	14.7	13.0	*81.7*	*79.5*		15.23				7.0
225266	U.S.N.M.	Unalaska	Adult		17.6	14.4	12.7	*81.8*	*79.4*		14.90	1,420.0		11.6	6.6
378464	do	Shiprock	25		17.6	14.4	11.8	*81.8*	*73.8*		14.60			12.0	7.0
378611	do	Umnak	50		18.3	15.0	13.4	*82.0*	*80.5*		15.57	1,505.0		12.5	7.7
242880	do	Černovski	Adult		18.4	15.1	13.3	*82.1*	*79.4*		15.60	1,630.0			8.4
7791	Moscow Mus.	Umnak	45		18.0	14.8	12.8	*82.2*	*78.1*		15.20				7.2
7783	do	do	55		18.0	14.8	13.4	*82.2*	*81.7*		15.40				7.2
242868	U.S.N.M.	Amchitka	Adult		18.6	15.3	12.2	*82.3*	*72.4*		15.37	1,440.0		12.7	7.6
378349	do	Hak	25		18.2	15.0	11.8	*82.4*	*71.1*		15.0				7.4
242940	do	Černovski	Adult		18.9	15.6	12.8	*82.5*	*74.2*		15.77	1,700.0			7.8
352436	do	Umnak	40		17.7	14.6	12.7	*82.5*	*78.64*		15.00				7.4
378270	do	Kashega	35		17.8	14.7		*82.6*						12.4	7.5
242882	do	Černovski	Adult		18.4	15.2	12.9	*82.6*	*76.8*		15.50	1,510.0			7.5
378486	do	Shiprock	35		18.5	15.3	12.4	*82.7*	*73.4*		15.40				

ALEUTS: MALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
7808	Moscow Mus.	Umnak	70		17.4	14.4	12.0	*82.8*	*75.5*		14.60				7.5
7818	do	do	60		18.0	14.9	12.8	*82.8*	*77.8*		15.23			12.2	6.9
378703	U. S. N. M.	Shiprock	50		18.0	14.9	12.8	*82.8*	*77.8*		15.23			12.6	7.3
7810	Moscow Mus.	Umnak	55		17.5	14.5	12.1	*82.9*	*75.6*		14.70			12.3	7.2
365730	U. S. N. M.	Veseli Island	24		18.1	15.0	13.0	*82.9*	*78.6*		15.37				7.4
378303	do	Černovski	55		18.1	15.0	12.9	*82.9*	*78.0*		15.33				8.0
322-1	Leningrad Mus.	Secondarily from Commander Islands.	Adult		18.1	15.0	12.8	*82.9*	*77.3*		15.30			12.4	7.2
5215	do	do	do		17.8	14.8	13.5	*83.2*	*82.8*		15.37			12.8	7.8
242869	U. S. N. M.	Atka	do		18.0	15.0	13.2	*83.3*	*80.0*		15.40	1,660.0			6.5
7771	Moscow Mus.	Umnak	55		17.6	14.7	11.8	*83.5*	*73.1*		14.70			12.4	7.4
352246	U. S. N. M.	do	50		17.7	14.8	12.8	*83.6*	*78.8*		15.10			12.2	7.4
7793	Moscow Mus.	do	60		18.4	15.4	13.5	*83.7*	*79.9*		15.77				
242909	U. S. N. M.	Atka	Adult		18.4	15.4	13.5	*83.7*	*79.9*		15.77	1,680.0		11.3	6.7
378481	do	Shiprock	60		17.8	14.9	13.2	*83.7*	*80.7*		15.30				7.4
378462	do	do	55		19.3	16.2	11.9	*83.9*	*67.0*		15.80	1,580.0		13.3	7.9
378304	do	Černovski	45		18.1	15.2	13.6	*84.0*	*81.7*		15.63				7.4
378476	do	Shiprock	60		17.6	14.8	12.8	*84.1*	*79.0*		15.07			13.0	7.5
17479	do	Four Mountains Islands.	Adult		18.2	15.3	13.0	*84.1*	*77.6*		15.50	1,710.0		12.6	7.6
378717	do	Černovskl	55		18.4	15.5	12.0	*84.2*	*70.8*		15.30			12.4	7.4
242922	do	do	Adult		18.2	15.4	12.8	*84.6*	*76.2*		15.47	1,620.0		11.5	7.2
242871	do	Unga	do		18.2	15.4	12.3	*84.6*	*73.2*		15.30	1,550.0		11.6	6.8
242910	do	do	do		18.2	15.4	12.6	*84.6*	*75.0*		15.40	1,510.0			7.5
242900	do	Four Mountains Islands.	35		18.6	15.8	12.2	*84.9*	*70.93*		15.53				7.7
7798	Moscow Mus.	Umnak	55		18.0	15.3	13.2	*85.0*	*79.3*		15.50			13.2	7.5
378368 (somewhat ♀-like).	U. S. N. M.	Agatu	35		18.0	15.3	12.2	*85.0*	*73.3*		15.17			13.0	7.6
7817	Moscow Mus.	Umnak	55		17.4	14.8	13.6	*85.1*	*84.5*		15.27				6.8
242872	U. S. N. M.	Atka	Adult		18.1	15.4		*85.1*							7.2
5215	Leningrad Mus.	Secondarily from Commander Islands.	do		17.5	14.9	13.0	*85.1*	*80.2*		15.13			12.0	7.0

242915	U. S. N. M.	Cernovski	do		18.4	15.7	12.6	*85.3*	*73.9*		15.57	1,580.0		11.9	7.5
7825	Moscow Mus.	Umnak	55		18.0	15.4	12.8	*85.6*	*76.7*		15.40			13.6	7.9
365728	U.S.N.M.	Veseli Island	65		18.1	15.5	13.2	*85.6*	*78.6*		15.60				7.8
17485	do	Four Mts. Islands	Adult		18.0	[2]15.5	12.9	*86.1*	*77.9*		[2]15.37			11.8	7.6
378480	do	Shiprock	20		17.3	14.9	12.6	*86.1*	*78.3*		14.93			11.3	7.1
5215	Leningrad Mus.	Secondarily from Commander Islands.	Adult		18.1	15.6	13.2	*86.2*	*78.3*		15.63			12.3	7.0
378693	U.S.N.M.	Amchitka	35		18.3	15.8	13.1	*86.3*	*76.8*		15.73	1,450.0		13.5	7.9
378694	do	do	20		18.4	16.0	12.6	*87.0*	*78.3*		15.67	1,625.0		12.5	7.5
378708	do	Shiprock	24		17.7	15.4	13.6	*87.0*	*82.2*		15.57	1,560.0			7.1
242937	do	Aleutian Islands	50		18.1	15.8	13.6	*87.3*	*80.2*		15.83				
5215	Leningrad Mus.	Secondarily from Commander Islands.	Adult		17.1	15.0	13.2	*87.7*	*82.2*		15.10			11.8	7.3
378679	U.S.N.M.	Umnak	50		17.6	15.5	12.6	*88.1*	*76.1*		15.23	1,490.0			7.5
7762	Moscow Mus.	do	30		17.4	15.4	14.1	*88.5*	*86.0*		15.63				
242912	U.S.N.M.	Unga	Adult		17.6	15.7	12.8	*89.2*	*76.9*		15.33	1,610.0		12.5	7.7
Specimens			(46)		(71)	(71)	(69)	(71)	(69)		(69)	(23)		(36)	(65)
Totals			2121		1,281.1	1,070.4	886.2				1,057.11	35,715.0		447.5	483.1
Averages			46.11		18.04	15.08	12.84	*83.55*	*77.55*		15.32	1,552.8		12.43	7.43
Minima			20		17.3	14.2	11.8	*79.9*	*67.0*		14.60	1,360.0		11.3	6.5
Maxima			70		19.3	16.2	14.1	*89.2*	*86.0*		15.83	1,710.0		13.6	8.4

[1] Allowance made for wear of teeth, where needed.
[2] Near.

ALEUTS: MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
242924	14.6	*88.4*	*54.1*	11.3	9.9	10.7	64.5	48.5	3.4	3.4	3.9	3.9	*87.2*	*87.2*	5.6	2.3	*41.1*	6.0	6.8	*88.2*
342848	14.7		*50.3*	11.0	9.9	10.7	67.5	54.5	3.35	3.4	3.8	3.8	*88.2*	*89.5*	5.3	2.7	*50.9*	5.5	6.8	*80.9*
242863	14.2		*51.4*	10.0	9.2	10.0	68.0	58.5	3.8	3.8	4.2	4.2	*90.5*	*90.5*	5.5	2.5	*45.5*	5.5	6.8	*80.9*
365731	14.3		*54.6*	10.7	9.4	10.4	66.0	51.5	3.45	3.45	4.2	4.1	*82.1*	*84.1*	5.45	2.35	*43.1*	5.6	6.4	*87.5*
378300	14.0	*96.4*	*57.1*	11.1	9.6	10.4	63.5	49.0	3.4	3.3	3.95	4.0	*86.1*	*82.5*	5.5	2.6	*46.9*	5.9	6.8	*86.8*
378305	15.2		*52.0*	10.6	9.4	10.6	68.0	54.0	3.65	3.75	4.1	4.1	*89.0*	*91.5*	5.55	2.65	*47.8*	5.5	6.6	*83.3*
7664	13.5		*54.1*	10.2	8.8	9.6	64.0	52.0	3.5	3.45	3.8	3.7	*92.1*	*93.2*	4.7	2.4	*51.1*	5.8	6.4	*90.6*
365727	14.5				9.6	10.2			3.5	3.5	4.0	3.9	*87.5*	*89.7*	5.2	2.35	*45.2*			
378461	15.2	*80.9*	*49.3*	11.3	10.2	10.4	63.5	58.0	3.5	3.5	4.1	4.1	*85.4*	*85.4*	5.0	2.6	*52.0*	6.3	6.6	*95.4*
242930	14.9		*50.3*	11.4	10.0	10.1	61.0	48.5	3.4	3.5	4.1	4.0	*82.9*	*87.5*	5.2	2.5	*48.1*	5.9	6.7	*88.1*
7785						10.4														
7795	14.3	*90.9*	*53.9*	9.9	8.4	9.0	60.0	52.0	3.55	3.55	4.2	4.0	*84.5*	*88.8*	4.8	2.3	*47.9*	5.8	6.6	*87.9*
7788	13.9		*55.4*	11.6	10.2	10 6	63.0	49.0	3.4	3.45	3.8	3.9	*89.5*	*88.5*	5.4	2.45	*45.4*	5.7	6.7	*85.1*
374827	14.0	*90.0*	*53.6*	10.3	8.8	9.8	65.0	48.0	3.3	3.4	3.8	3.7	*86.8*	*91.9*	5.1	2.4	*47.1*	6.0	7.0	*85.7*
378273	14.1		*53.9*	10.4	9.2	10.1	66.0	55.5	3.4	3.4	3.85	3.9	*88.3*	*87.2*	5.1	2.55	*50.0*	5.4	6.2	*87.1*
7821	14.4		*48.6*	10.2	9.6	10.0	68.5	(67)	3.5	3.45	3.95	3.95	*88.6*	*87.3*	5.0	2.4	*48.0*	5.3	6.6	*80.3*
225266	13.9	*88.4*	*47.5*	9.8	8.7	9.8	61.0	48.5	3.4	3.4	3.9	3.8	*87.2*	*89.5*	4.8	2.4	*50.0*	5.0	6.2	*80.6*
378464	13.4	*89.6*	*52.2*	11.0	9.4	9.5	59.0	41.5	3.0	3.05	3.9	3.8	*76.9*	*80.3*	4.8	2.7	*56.2*	5.6	6.5	*86.2*
378611	15.0	*88.3*	*51.3*	10.4	9.5	10.3	67.5	60.0	3.65	3.7	4.3	4.2	*84.9*	*88.1*	5.5	2.4	*43.6*	5.2	6.7	*77.6*
242880	14.5		*57.9*	11.1	9.2	10.6	63.5	41.5	3.7	3.8	4.1	4.1	*90.2*	*92.7*	5.8	2.5	*43.1*	6.4	6.9	*92.8*
7791				10.2	9.2	9.4	62.5	59.0	3.4	3.35	3.9	3.8	*87.2*	*88.2*	4.8	2.6	*54.2*	5.7	6.8	*83.8*
7783				10.7	9.6	10.0	64.5	58.0		3.45		4.0		*86.3*	4.65	2.7	*58.1*	5.7	6.9	*82.6*
242868	14.5	*87.6*	*52.4*	9.8	8.6	9.2	62.0	51.0	3.3	3.5	4.1	3.9	*80.5*	*89.7*	5.4	2.45	*45.4*	5.6	6.8	*82.4*
378349	14.4		*51.4*	10.5	9.2	10.0	65.0	51.0	3.4	3.35	4.15	4.1	*81.9*	*81.7*	5.05	2.5	*49.5*	5.9	6.5	*90.8*
242940	15.2		*51.3*	10.4	9.2	10.1	65.0	50.0	3.9	4.0	4.1	4.2	*95.1*	*95.2*	5.8	2.8	*48.3*			
352436	14.8		*50.0*	10.4	9.0	9.8	64.0	49.0	3.5	3.45	4.1	4.0	*85.37*	*86.25*	5.0	2.55	*51.0*	5.5	6.4	*85.9*
378270	13.9	*89.2*	*54.0*						3.4	3.4	3.9	3.8	*87.2*	*89.5*	5.15	2.7	*52.4*	5.8	6.1	*95.1*
242882	14.8		*50.7*	10.8	9.7	10.6	68.0	52.5	3.5	3.5	4.0	4.0	*87.5*	*87.5*	5.5	2.5	*45.5*	5.5	6.7	*82.1*
378486																				
7808	14.6		*51.4*	9.9	8.8	9.8	67.5	54.5	3.95	4.05	4.3	4.1	*91.9*	*98.8*	5.4	2.4	*44.4*			
7818	14.8	*82.4*	*46.6*	10.8	9.4	10.0	64.5	49.5	3.6	3.65	4.15	4.0	*86.8*	*91.3*	4.6	3.05	*(66.3)*	5.9	7.0	*84.8*
378703	14.3	*88.1*	*51.1*	10.8	9.6	10.0	63.5	53.0	3.6	3.6	4.0	3.8	*90.0*	*94.7*	5.0	2.65	*53.0*	5.6	6.4	*87.5*
7810	13.7	*89.8*	*52.6*	10.2	8.8	9.6	69.5	44.5	3.5		4.2		*88.3*		5.25	2.5	*47.6*	5.8	6.3	*92.1*
365730	14.2		*52.1*	10.2	9.3	10.4	70.5	56.5		3.9		4.2		*92.9*	5.6	2.7	*48.2*	5.2	6.7	*77.6*
378303	15.0		*53.3*		9.2	10.2			4.0	3.95	4.1	4.1	*97.6*	*96.3*	5.6	2.55	*45.5*			

322-1	13.9	*89.2*	*51.8*	9.9	8.6	9.2	62.5	50.0	3.4	3.4	4.0	3.9	*85.0*	*87.2*	5.0	2.6	*52.0*	5.3	7.2	*73.6*
5215	14.2	*90.1*	*54.9*	10.1	8.9	9.8	64.5	55.5	3.6	3.6	4.0	3.9	*90.0*	*92.3*	5.25	2.6	*49.5*	5.5	6.6	*83.3*
242869	14.3		*45.5*	10.5	9.6	9.8	65.5	54.0	3.5	3.5	3.9	3.9	*89.7*	*89.7*	4.8	2.7	*56.2*	5.4	6.8	*79.4*
7771	14.3	*86.7*	*51.8*	10.3	8.9	9.4	61.5	51.0	3.65	3.7	4.1	4.0	*89.0*	*92.5*	4.9	2.7	*55.1*	5.6	6.5	*86.2*
352246	14.8	*82.4*	*50.0*	10.4	9.0	9.8	64.0	49.0	3.5	3.5	4.1	4.0	*85.4*	*87.5*	5.0	2.6	*52.0*	5.5	6.4	*85.9*
7793	14.7			9.8	8.6				3.75	3.7	3.9	3.9	*96.1*	*94.9*	5.5	2.45	*44.6*			
242909	14.2	*79.6*	*47.2*	10.3	9.2	9.8	66.0	49.0	3.4	3.4	3.8	3.8	*89.5*	*89.5*	5.0	2.75	*55.0*	5.7	6.6	*88.4*
378481	14.1		*52.5*	10.6	9.6	10.4	68.0	58.0	3.75	3.85	3.9	3.8	*96.2*	*101.3*	5.1	2.5	*49.0*	5.3	6.4	*82.3*
378462	14.4	*92.4*	*54.9*	11.3	9.3	10.0	59.5	41.0	3.6	3.75	4.4	4.2	*81.8*	*89.3*	5.2	2.5	*48.1*	6.2	6.7	*92.5*
378304	13.8		*53.6*	11.1	9.8	10.0	61.5	54.0	3.35	3.4	3.9	3.9	*85.9*	*87.2*	4.8	2.6	*54.2*	5.8	6.7	*86.6*
378476	14.2	*91.6*	*52.8*	9.7	8.4	9.4	64.5	50.5	3.65	3.65	4.2	4.0	*86.9*	*91.2*	5.15	2.35	*45.6*	5.6	7.0	*80.0*
17479	15.3	*82.4*	*49.7*	10.2	8.8	9.7	63.5	48.5	4.0	4.0	4.3	4.1	*93.0*	*97.6*	5.3	2.5	*47.2*	5.3	6.6	*80.3*
378717	14.2	*87.3*	*52.1*	10.0	8.9	9.5	64.0	56.0	3.4	3.7	4.1	4.0	*82.9*	*92.5*	5.0	2.45	*49.0*	5.4	6.3	*85.7*
242922	14.8	*77.7*	*43.6*	10.6	9.4	9.9	64.0	50.0	3.6	3.6	4.0	3.8	*90.0*	*94.7*	5.2	2.6	*50.0*	5.6	6.6	*84.8*
342871	14.6	*79.5*	*46.6*	10.0	8.8	9.6	66.5	44.0	3.6	3.7	4.2	4.2	*85.7*	*88.1*	5.2	2.6	*50.0*	5.4	6.7	*80.6*
242910	14.9		*50.3*	10.0	8.6	10.2	69.5	47.0	3.9	4.0	4.2	4.0	*92.9*	*100.0*	5.4	2.4	*44.4*	5.5	6.7	*82.1*
242900	14.7		*52.4*	10.1	8.8	9.4	62.0	52.5	3.55	3.65	4.1	4.0	*86.6*	*91.3*	5.2	2.35	*45.2*	5.7	6.8	*8.83*
7798	14.5	*91.0*	*51.7*	10.7	9.4	10.4	67.0	52.0	3.75	3.75	4.1	4.0	*91.5*	*93.7*	5.2	2.25	*43.3*	5.7	6.4	*89.1*
378368	14.6	*89.0*	*52.1*	10.2	9.0	9.6	63.0	55.5	3.65	3.65	3.95	3.9	*92.4*	*93.6*	4.9	2.4	*49.0*	5.5	6.5	*84.6*
7817	13.3		*51.1*	9.7	8.5	9.6	69.0	50.0	3.3	3.25	3.9	3.9	*84.6*	*83.3*	4.8	2.5	*52.1*	5.2	6.3	*82.5*
242872	14.4		*50.0*						3.5	3.5	3.9	3.9	*89.7*	*89.7*	5.3	2.9	*54.7*	5.8	6.9	*84.1*
5215	14.4	*83.3*	*48.6*	11.1	9.8	10.2	64.0	50.0	3.5	3.5	3.8	3.75	*92.1*	*93.3*	4.85	2.65	*54.6*	5.7	6.6	*86.4*
242915	14.8	*80.4*	*50.7*	10.7	9.6	10.3	66.0	55.0	3.3	3.4	3.9	4.0	*84.6*	*85.0*	5.3	2.8	*52.8*	5.6	6.3	*88.9*
7825	14.5	*93.8*	*54.5*	10.8	9.4	10.2	64.0	52.5	3.7	3.7	4.2	4.1	*88.1*	*90.2*	5.25	2.65	*50.5*	5.8	6.4	*99.6*
365728	15.1		*51.7*	10.5	9.3	10.5	68.0	56.0	3.5	3.6	4.1	4.0	*85.4*	*90.0*	5.2	2.5	*48.1*	5.4	7.0	*77.1*
17485	14.6	*89.8*	*52.1*	10.3	8.9	9.7	63.5	47.0	3.9	3.6	4.2	4.1	*92.9*	*87.8*	5.4	2.2	*40.7*			
378480	13.5	*83.7*	*52.6*	9.9	8.9	9.5	60.5	53.0	3.85	3.8	4.1	4.0	*93.9*	*95.0*	5.2	2.55	*49.0*	5.3	6.4	*82.8*
5215	14.7	*83.7*	*47.6*	10.6	9.2	9.8	64.0	48.5	3.45	3.5	4.1	3.8	*84.2*	*92.1*	4.7	2.6	*55.3*	5.3	6.4	*83.8*
378693	14.8	*91.2*	*53.4*	9.8	8.9	9.7	65.5	62.0	3.4	3.25	3.7	3.7	*91.9*	*87.8*	5.2	2.4	*46.2*	5.9	7.1	*83.1*
378694	13.5	*92.6*	*55.6*	10.7	9.2	9.7	61.5	50.5	3.6	3.5	3.95	3.95	*91.1*	*88.6*	4.8	2.55	*53.1*	5.8	6.9	*84.1*
378708	14.3		*49.7*	9.6	8.6	10.2	73.5	57.0	3.4		3.7		*91.9*		5.0	2.5	*50.0*	5.2	6.3	*82.5*
242937					9.0	10.8			3.3	3.35	4.05	3.95	*81.5*	*84.8*	5.65	2.95	*52.2*			
5215	14.0	*84.3*	*52.1*	10.1	8.6	9.7	65.5	47.0	3.4	3.5	4.1	3.9	*82.9*	*89.7*	5.0	2.55	*51.0*	5.4	6.4	*84.4*
378679	14.8		*50.7*	10.4	9.2	9.6	62.5	53.5	3.55		4.15		*85.5*		5.15	2.6	*50.5*	5.6	6.5	*86.2*
7762	14.4				8.5	9.8			3.5	3.6	3.7	3.8	*89.7*	*94.7*	4.9	2.35	*48.0*			
242912	[2] 15.2	*82.2*	*50.6*	10.6	9.2	9.8	62.0	48.5	3.7	3.7	4.2	4.2	*88.1*	*88.1*	5.4	2.5	*46.5*	6.0	7.5	*80.0*
Specimens	(66)	(36)	(63)	(63)	(67)	(67)	(62)	(62)	(67)	(66)	(67)	(66)	(67)	(66)	(69)	(69)	(69)	(61)	(61)	(61)
Totals	951.6			657.6	615.0	667.4	4,012.5	3,214.0	237.35	235.65	269.85	261.5			356.3	175.35		342.6	494.4	
Averages	14.42	*86.46*	*51.62*	10.44	9.18	9.96	64.72	51.84	3.54	3.57	4.03	3.96	*87.96*	*90.11*	5.16	2.54	*49.21*	5.62	6.63	*84.72*
Minima	13.30	*77.7*	*45.5*	9.6	8.4	9.0	59.0	41.0	3.0	3.05	3.7	3.7	*76.9*	*80.3*	4.6	2.2	*40.7*	5.0	6.1	*73.6*
Maxima	15.30	*96.4*	*57.9*	11.6	10.2	10.8	73.5	62.0	4.0	4.05	4.4	4.2	*97.6*	*101.3*	5.8	3.05	[3] *58.1*	6.4	7.5	*95.4*

[2] Near. [3] In one isolated case = 66.3.

ALEUTS: MALES

(Kagamil Caves)

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
377910	(*A.H.*) U.S.N.M.	Kagamil Island	45		18.1	14.4	12.9	*79.6*	*79.4*		15.13	1,415.0		12.7	7.7
377901	do	do	45		18.2	14.6	13.4	*80.2*	*81.7*		15.40	1,545.0		12.8	7.7
377815	do	do	55		18.6	15.0	12.3	*80.6*	*73.2*		15.30	1,480.0			7.5
377900	do	do	30		18.6	15.0	12.5	*80.6*	*74.4*		15.37			12.8	7.7
377852	do	do	28		17.7	14.3	13.2	*80.8*	*82.5*		15.07	1,417.0		12.1	7.4
377835	do	do	50		18.0	14.6	12.8	*81.1*	*78.5*		15.13	1,440.0			7.3
377845	do	do	40		18.7	15.2	13.3	*81.3*	*78.5*		15.73	1,780.0			7.7
377856	do	do	40		17.9	14.6	13.0	*81.6*	*80.0*		15.17				
377853	do	do	35		17.6	14.4	12.6	*81.8*	*78.8*		14.87	1,425.0			7.8
377858	do	do	23		18.2	14.9	12.6	*81.9*	*76.1*		15.23				7.7
377917	do	do	55		18.2	14.9	13.7	*81.9*	*82.8*		15.60	1,530.0		13.0	8.0
377847	do	do	55		18.3	15.0	13.4	*82.0*	*80.5*		15.57	1,680.0			7.7
377916	do	do	65		18.0	14.8	13.2	*82.2*	*80.5*		15.33	1,565.0		13.0	7.7
377906	do	do	55		18.5	15.2	13.3	*82.2*	*78.9*		15.67	1,530.0		13.2	8.3
377851	do	do	24		17.6	14.5	12.8	*82.4*	*79.7*		14.97	1,480.0		12.4	7.6
378401	do	do	55		18.2	15.0	12.2	*82.4*	*73.5*		15.13			13.4	8.2
377841	do	do	35		18.4	15.2	12.4	*82.6*	*73.8*		15.33	1,500.0			7.75
377850	do	do	70		17.4	14.4	12.7	*82.8*	*79.9*		14.83	1,380.0			
377810	do	do	65		17.8	14.8	13.4	*83.1*	*82.2*		15.33	1,380.0		13.0	7.5
377409	do	do	40		18.3	15.2	12.8	*83.1*	*76.4*		15.43				7.5
377817	do	do	24		18.5	15.4	13.5	*83.2*	*79.7*		15.80			12.8	8.1
377876	do	do	50		18.0	15.0	13.8	*83.3*	*83.6*		15.60	1,560.0			7.4
377839	do	do	50		18.2	15.2	13.6	*83.5*	*81.4*		15.67				7.5
377843	do	do	35		18.2	15.2	13.1	*83.5*	*78.4*		15.50	1,650.0			7.55
377846	do	do	30		18.2	15.2	13.0	*83.5*	*77.8*		15.47	1,520.0			
377859	do	do	60		18.3	15.3	12.8	*83.6*	*76.2*		15.47				
377834	do	do	26		17.8	14.9	13.7	*83.7*	*83.8*		15.47	1,600.0		12.3	7.5
377807	do	do	50		18.1	15.2	13.1	*84.0*	*78.7*		15.47	1,580.0			8.0
377816	do	do	45		17.6	14.8	13.0	*84.1*	*80.3*		15.13	1,500.0		13.6	8.3

378410	do	do	55		18.5	15.6	13.4	84.3	78.6		15.83			13.1		8.2
377903	do	do	40		18.0	15.2	11.9	84.4	71.7		15.03	1,470.0		13.0		7.6
377857	do	do	40		18.0	15.2	12.3	84.4	74.1		15.17			13.0		7.9
377909	do	do	28		18.2	15.4	13.0	84.6	82.7		15.83	1,605.0		13.1		7.9
377838	do	do	65		17.9	15.2	12.7	84.9	76.7		15.27	1,380.0		12.9		7.3
377919	do	do	23		18.3	15.6	12.8	85.2	75.6		15.57	1,600.0		12.0		7.6
377848	do	do	40		17.8	15.3	13.7	86.0	82.8		15.60	1,720.0				7.75
377883	do	do	50		18.4	15.9	12.2	86.4	71.1		15.50	1,500.0		13.0		7.9
377842	do	do	26		17.1	14.8	12.7	86.6	79.6		14.87	1,525.0				7.3
377812	do	do	55		18.0	15.6	14.2	86.7	84.6		15.93	1,630.0				
377837	do	do	45		18.4	16.0	13.1	87.0	76.2		15.83	1,555.0		12.7		7.7
377849	do	do	28		16.8	14.7	12.6	87.6	80.0		14.70	1,455.0				7.4
377854	do	do	65		17.6	15.4	12.0	87.5	72.7		15.00	1,405.0		13.0		8.0
Specimens			(42)		(42)	(42)	(42)	(42)	(42)		(42)	(32)		(21)		(37)
Totals			1,830		758.2	632.1	545.6				645.3	48,892.0		260.9		285.65
Averages			43.6		18.05	15.05	12.99	83.87	78.40		15.36	1,525.1		12.85		7.72
Minima			23		16.8	14.3	11.9	79.6	71.1		14.70	1,380.0		12.0		7.3
Maxima			70		18.7	16.0	14.2	87.5	84.6		15.93	1,780.0		13.6		8.3

ALEUTS: MALES—Continued

(Kagamil Caves)—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
377910	14.2	89.4	54.2	10.5	9.0	10.0	65.0	50.0	3.35	3.45	3.9	3.8	85.9	90.8	5.1	2.65	52.0	5.4	6.3	85.7
377901	14.5	88.3	53.1	11.0	8.8	10.6	66.5	40.0	3.7	3.75	4.3	4.2	86.1	89.3	5.1	2.6	51.0	5.8	6.7	86.6
377815	14.5		51.7	10.2	9.0	10.3	69.0	56.5	3.65	3.75	4.0	4.1	91.3	91.5	4.9	2.45	50.0	5.3	6.5	81.5
377900	14.3	89.5	63.8	10.4	9.4	10.4	67.5	59.0	3.5		3.9		89.7		5.4	2.3	42.6	5.6	6.6	84.8
377852	13.9	87.1	53.2	10.1	8.8	9.6	64.5	51.5	3.5	3.55	3.8	3.8	92.1	93.4	5.05	2.2	43.6	5.6	6.6	84.8
377835	14.4		50.7	10.7	9.5	10.3	66.5	52.5	3.6	3.7	4.1	4.0	87.8	92.5	5.0	2.5	50.0	5.8	6.6	87.9
377845	14.1		54.6	10.3	9.0	10.0	65.5	53.0	3.45	3.6	4.0	3.9	86.3	92.3	5.2	2.45	47.1	5.5	7.1	77.5
377856	14.0					9.7														
377853	14.2		54.9	10.2	9.0	9.9	65.0	55.5	3.9	3.9	4.35	4.35	89.7	89.7	5.25	2.6	49.5	5.6	6.9	81.2
377858	13.3		57.9						3.65		3.7		98.6		5.2	2.3	44.2	5.6	6.6	84.8
377917	14.6	89.0	54.8	11.5	10.4	11.0	66.0	57.5	3.45	3.45	4.1	4.1	84.2	84.2	5.6	2.7	48.2	5.5	6.7	82.1
377847	14.9		51.7	10.9	9.6	10.0	62.0	55.0	3.45	3.45	4.25	4.1	81.2	84.1	4.9	2.55	52.0	5.9	6.7	88.1
377916	14.7	88.4	52.4	9.8	8.8	10.0	68.5	55.0	3.6	3.65	3.8	3.9	94.7	93.6	5.7	2.45	43.0	5.2	7.1	73.2
377906	14.6	90.4	56.8	11.9	10.2	10.5	59.5	49.0	3.5	3.65	4.1	4.1	85.4	89.0	5.4	2.6	48.2	6.4	7.0	91.4
377851	13.2	93.9	57.6	10.1	8.6	9.4	62.0	49.0	3.9	3.95	4.2	4.1	92.9	96.3	5.0	2.3	46.0	5.5	6.1	90.2
378401	14.3	93.7	57.3	10.0	8.7	9.2	59.5	53.0	3.85	3.9	4.1	4.0	93.9	97.5	5.5	2.7	49.1	5.7	6.5	87.7
377841	13.7		56.6	10.5	9.4	10.2	66.0	56.5	3.95	4.05	4.2	3.9	94.1	103.8	5.35	2.65	49.5	5.65	6.3	89.7
377850	14.4			10.6	9.2	10.2			3.6	3.65	4.3	4.3	83.7	84.9	5.2	2.75	52.9	5.7	6.2	91.9
377810	14.9	87.3	50.3	10.7	9.4	10.5	68.0	51.0	3.6	3.8	4.2	4.15	85.7	91.6	5.3	2.45	46.2	5.7	6.5	87.7
377409	15.2		49.3	10.9	9.4	10.0	62.5	49.0	3.65		4.1		89.0		5.0	2.6	52.0	5.6	6.1	91.8
377817	14.8	86.5	54.7	11.5	10.2	10.9	65.0	54.0		3.7		4.1		90.2	5.5	2.4	43.6	6.2	6.4	96.9
377876				10.0	8.7	10.0	68.5	51.5	4.1	3.85	4.1	4.1	100.0	93.9	5.1	2.3	45.1	5.4	6.3	85.7
377839	15.4		48.7	11.5	10.4	10.8	65.5	57.5	3.55	3.5	4.2	4.1	84.5	85.4	5.1	2.7	52.9	6.0	6.7	89.6
377843	14.5		52.1	10.7	9.3	10.4	67.0	50.0	3.5	3.55	3.75	3.7	93.3	96.0	5.2	2.45	47.1	5.6	6.3	88.9
377846						9.9														
377859	14.4				9.6	10.1			3.65		4.0		91.2		5.4	2.6	48.2			
377834	14.4	85.4	52.1	10.9	9.6	10.5	66.5	53.0	3.5	3.25	4.25	4.3	82.4	75.6	5.05	2.5	49.5	5.5	5.8	94.8
377807	14.2		56.3	11.1	8.8	9.9	60.0	36.0	3.45	3.4	3.9	3.8	88.5	89.5	5.35	2.5	46.7	5.8	6.7	86.6
377816	14.1	96.4	58.9	9.6	8.5	9.6	64.0	58.0	4.2	4.1	4.4	4.15	95.5	98.8	5.45	2.35	43.1	5.4	6.3	85.7
378410	15.1		54.3	11.1	9.7	10.5	64.0	52.5	3.75	3.85	4.1	4.1	91.5	93.9	5.7	2.55	44.7	6.0	6.9	87.0
377903	14.6	89.7	54.1	11.3	8.5	9.9	59.0		3.75	3.8	4.05	3.95	92.6	96.2	5.35	2.5	46.7	6.3	6.7	94.0
377857	14.4	90.3	52.8	10.7	9.4	10.2	65.0	50.5	3.75	3.7	4.3	4.0	87.2	92.5	5.35	2.6	48.6	5.6	6.8	82.4
377909	14.7	89.1	53.7	10.2	9.0	10.0	65.5	55.0	3.8	3.85	4.1	4.0	92.7	96.2	5.4	2.25	41.7	5.6	6.1	91.8

377838	15.1	*86.4*	*58.3*	10.9	9.3	10.2	65.0	45.0	3.4	3.4	4.1	4.0	*82.9*	*85.0*	5.0	2.5	*50.0*	5.5	6.9	*79.7*
377919	14.1	*85.1*	*53.9*	11.1	10.1	10.2	63.0	60.5	3.75	3.85	3.9	3.9	*96.2*	*98.7*	5.0	2.3	*46.0*	5.8	6.3	*92.1*
377848	14.8		*52.4*	10.6	9.4	10.0	63.5	53.0	3.6	3.6	4.3	4.15	*83.7*	*86.8*	5.5	2.6	*47.3*	5.7	6.7	*85.1*
377833	15.3	*85.0*	*51.6*	10.9	9.6	10.0	62.0	54.0	3.7	3.8	4.1	3.9	*90.2*	*97.4*	5.2	2.65	*51.0*	5.8	6.5	*89.2*
377842	14.2		*51.4*	9.6	8.4	8.9	62.0	52.5	3.7	3.75	3.9	3.8	*94.9*	*98.7*	5.0	2.4	*48.0*	5.5	6.3	*87.3*
377812	15.0					10.6			3.6		4.1		*87.8*							
377837	14.7	*86.4*	*62.4*	10.7	9.4	10.0	63.5	50.5	3.65	3.8	4.0	3.95	*91.3*	*96.2*	5.4	2.55	*47.2*	5.6	7.2	*77.8*
377849	13.5		*54.8*	10.5	9.3	9.6	62.0	54.0	3.5	3.5	3.9	3.8	*89.7*	*92.1*	4.95	2.3	*46.5*	5.6	5.8	*96.5*
377854	14.6	*89.0*	*54.8*	10.8	9.6	9.8	60.5	56.0	3.9	4.0	4.15	4.0	*94.0*	*100.0*	5.3	3.05	*57.5*	5.8	7.1	*81.7*
Specimens	(40)	(21)	(36)	(37)	(38)	(41)	(36)	(35)	(39)	(35)	(39)	(35)	(39)	(35)	(39)	(39)	(39)	(38)	(38)	(38)
Totals	577.8			394.0	353.0	413.8	2,315.0	1,836.5	142.65	129.5	159.0	140.6			204.45	97.85		215.75	218.9	
Averages	14.45	*88.78*	*53.51*	10.65	9.29	10.09	64.31	52.47	3.66	3.70	4.08	4.02	*89.72*	*92.11*	5.24	2.51	*47.86*	5.68	6.55	*86.68*
Minima	13.2	*85.0*	*48.7*	9.6	8.4	8.9	59.0	36.0	3.35	3.25	3.7	3.7	*81.2*	*75.6*	4.9	2.2	*41.7*	5.2	5.8	*73.2*
Maxima	15.4	*96.4*	*63.8*	11.9	10.4	11.0	69.0	60.5	4.2	4.1	4.4	4.35	*100.0*	*103.8*	5.7	3.05	*57.5*	6.4	7.2	*96.9*
									Pairs, all:											
									(98)	(98)	(98)	(98)	(98)	(98)						
									351.5	354.1	397.0	389.8								
									3.59	3.61	4.05	3.98	*88.5*	*90.8*						

ALEUTS: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
374827	U.S.N.M.	Kanaga	40		17.4	14.1	12.6	*81.0*	*80.0*		14.70				7.5
5022.6	Leningrad Mus.	Atka	Adult		17.5	14.2	12.6	*81.1*	*79.5*		14.77			11.4	7.0
378719	U.S.N.M.	Kanaga	27		17.0	13.8	12.6	*81.2*	*81.8*		14.47				6.9
7782	Moscow Mus.	Umnak	60		17.6	14.3		*81.2*							7.3
378695	U.S.N.M.	Amchitka	20		17.6	14.3	12.9	*81.2*	*80.9*		14.93			11.4	6.8
378271	do	Kashega	40		17.7	14.4	12.8	*81.4*	*79.8*		14.97				7.6
279205	do	Hog Island	Adult		17.2	14.0	11.8	*81.4*	*75.6*		14.33	1,400.0		12.2	7.5
378380	do	Agatu	18		17.3	14.1	12.2	*81.5*	*77.7*		14.53			11.2	6.7
378369	do	do	24		16.8	13.7	12.2	*81.6*	*80.0*		14.23			11.1	7.0
242866	do	Unga	Adult		17.4	14.2	11.9	*81.6*	*75.3*		14.50	1,300.0		11.3	7.1
242939	do	Černovski	do		17.4	14.2	11.9	*81.6*	*75.3*		14.50	1,380.0			6.7
7779	Moscow Mus.	Umnak	70		18.0	14.7	12.8	*81.7*	*78.3*		15.17				
242874	U.S.N.M.	Atka	Adult		17.6	14.4	12.3	*81.8*	*76.9*		14.77	1,300.0			7.0
7767	Moscow Mus.	Umnak	50		17.0	13.9	11.8	*81.8*	*76.4*		14.23				6.7
50223	Leningrad Mus.	Atka	Adult		17.2	14.1	11.9	*82.0*	*76.0*		14.40			11.3	7.1
378301	U.S.N.M.	Černovski	65		17.3	14.2	12.8	*82.1*	*81.3*		14.77				
242914	do	do	Adult		17.4	14.3	12.0	*82.2*	*75.7*		14.57	1,330.0		11.1	6.8
225266	do	Amoknak	55		17.4	14.3	12.6	*82.2*	*79.5*		14.77				6.7
378374	do	Agatu	50		18.0	14.8	13.2	*82.2*	*80.5*		15.33	1,375.0		12.3	7.2
7814	Moscow Mus.	Umnak	40		17.6	14.5	12.3	*82.4*	*76.6*		14.80				7.1
50255	Leningrad Mus.	Unalaska	Adult		17.1	14.1	12.2	*82.5*	*78.2*		14.47				7.1
378331	U.S.N.M.	Amlia	70		17.2	14.2	13.0	*82.6*	*82.8*		14.80				
378351	do	Ilak	50		17.2	14.2	12.6	*82.6*	*80.2*		14.67				6.9
50254	Leningrad Mus.	Unalaska	Adult		17.8	14.7	12.0	*82.6*	*73.7*		14.83				7.2
242853	U.S.N.M.	Amoknak	do		17.4	14.4	12.2	*82.8*	*76.7*		14.67	1,330.0		11.4	7.0
50251	Leningrad Mus.	Unalaska	do		17.4	14.4	11.4	*82.8*	*71.7*		14.40				7.3
374826	U.S.N.M.	Kanaga	20		17.5	14.5	12.2	*82.9*	*76.3*		14.73			11.9	7.2
242944	do	Černovski	Adult		17.0	14.1	11.5	*82.9*	*74.0*		14.20	1,250.0			
377754	do	Amoknak	30		17.6	14.6	12.4	*83.0*	*77.0*		14.87			11.6	7.0
378248	do	Ilak	60		17.6	14.6	12.7	*83.0*	*78.9*		14.97				7.2
378350	do	do	40		17.6	14.6	13.0	*83.0*	*80.7*		15.07				6.9
378653	do	Umnak	40		17.6	14.6	12.1	*83.0*	*75.2*		14.77				7.3
7836	Moscow Mus.	do	60		17.1	14.2	12.0	*83.0*	*76.7*		14.43				6.4
378299	U.S.N.M.	Černovski	40		17.2	14.3	12.4	*83.1*	*78.7*		14.63			11.7	6.8
378275	do	Kashega	60		18.0	15.0	12.2	*83.3*	*73.9*		15.07				

378482	do	Shiprock	70		17.7	14.8	11.8	*83.6*	*72.6*		14.77				6.8
378277	do	Kashega	30		17.9	15.0	12.0	*83.8*	*73.0*		14.97				7.0
7835	Moscow Mus.	Umnak	60		16.7	14.0		*83.8*							6.8
7794	do	do	30		17.4	14.6	12.6	*83.9*	*78.8*		14.87				7.0
242918	U.S.N.M.	Černovski	Adult		17.0	14.3	12.5	*84.1*	*79.9*		14.60	1,340.0		10.3	
378302	do	do	30		17.0	14.3	12.4	*84.1*	*79.2*		14.57			11.9	7.3
377756	do	Little Kiska	30		17.0	14.3	13.1	*84.1*	*83.7*		14.80			11.9	7.1
378306	do	Černovski	60		16.4	13.8	12.8	*84.2*	*84.8*		14.33				6.6
242901	do	Amoknak	70		16.6	14.0	11.8	*84.3*	*77.1*		14.13				6.6
378483	do	Shiprock	35		17.2	14.5	12.4	*84.3*	*78.2*		14.70				7.1
378332	do	Amlia	30		16.6	14.0	12.1	*84.3*	*79.1*		14.23				
242879	do	Černovski	Adult		17.0	14.4	12.6	*84.7*	*80.2*		14.67	1,340.0			7.2
378696	do	Amchitka	20		17.7	15.0	12.8	*84.8*	*78.3*		15.17				
279204	do	Hog Island	Adult		17.4	14.8	12.2	*85.1*	*75.8*		14.80	1,420.0		11.8	7.4
243976	do	Atka	do		16.8	14.3	11.5	*85.1*	*74.0*		14.20	1,215.0			6.3
378371	do	Agatu	27		16.8	14.3	12.5	*85.1*	*80.4*		14.53			10.8	6.6
7781	Moscow Mus.	Umnak	55		17.6	15.0	12.2	*85.2*	*73.5*		14.93				7.3
377752	U.S.N.M.	Amoknak	23		16.4	14.0	11.8	*85.4*	*77.6*		14.07			11.8	7.4
378723	do	Amlia	60		16.3	14.0	13.1	*85.9*	*86.5*		14.47				6.7
242886	do	Černovski	Adult	Slight occipital flattening.	17.2	14.8	12.6	*86.0*	*78.8*		14.87	1,420.0			7.3
242920	do	do	do		17.3	14.9	11.9	*86.1*	*73.7*		14.70	1,360.0			
378309 [2]	do	do	do		16.6	14.3		*86.1*							
279206	do	Hog Island	do		17.0	14.7	12.0	*86.5*	*75.7*		14.57	1,490.0		11.4	7.0
378718	do	Kanaga	55		16.4	14.2	13.0	*86.6*	*85.0*		14.53			11.7	6.9
378370	do	Agatu	40		17.3	15.0	11.9	*86.7*	*73.7*		14.73			12.0	6.9
7827	Moscow Mus.	Umnak	19		16.6	14.4	11.8	*86.8*	*76.1*		14.27				6.2
242877	U.S.N.M.	Černovski	Adult		17.4	15.1	11.8	*86.8*	*72.6*		14.77	1,360.0		12.3	7.8
378705	do	Shiprock	55		16.8	14.6		*86.9*							
378373	do	Agatu	50		17.6	15.3	12.0	*86.9*	*73.0*		14.97			12.0	7.0
378249	do	Ilak	40		16.1	14.0	12.9	*87.0*	*85.7*		14.33				7.2
5022-4	Leningrad Mus.	Atka	Adult		16.6	14.5	13.0	*87.3*	*83.6*		14.70			10.7	6.4
378247	U.S.N.M.	Ilak	65		16.1	14.1	13.2	*87.6*	*87.4*		14.47			12.3	7.3
7799	Moscow Mus.	Umnak	30		17.3	15.2	12.6	*87.9*	*77.5*		15.03				6.5
378606	U.S.N.M.	do	50		16.7	14.7	11.9	*88.0*	*75.8*		14.43			11.5	7.0
279203	do	Hog Island	Adult		17.2	15.2	12.3	*88.4*	*75.9*		14.90	1,480.0		12.5	7.7
Specimens			(47)		(70)	(70)	(66)	(70)	(66)		(66)	(17)		(28)	(59)
Totals			2063		1,203.4	1,009.4	814.2	*83.88*	*77.99*		967.4	23,090.0		324.8	414.1
Averages			43.9		17.19	14.42	12.34	*83.88*	*77.99*		14.66	1,358.2		11.60	7.02
Minima			18		16.1	13.7	11.4	*81.0*	*71.7*		14.07	1,215.0		10.3	6.2
Maxima			70		18.0	15.3	13.2	*88.4*	*87.4*		15.33	1,490.0		12.5	7.8

[1] Allowance made for wear of teeth, where needed.

[2] Cremated.

ALEUTS: FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
374827	14.0		*53.6*	10.3	8.8	9.7	63.0	45.5	3.3	3.35	3.9	3.8	*84.6*	*88.2*	5.1	2.4	*47.1*	6.0	6.9	*86.95*
50226	13.1	*87.0*	*53.4*	9.2	8.0	9.6	71.0	50.0	3.6	3.55	3.85	3.85	*93.5*	*92.2*	5.0			5.0	6.2	*80.7*
378719	12.7		*54.3*	10.0	8.9	9.6	66.0	53.0	3.3	3.35	3.75	3.65	*88.0*	*91.8*	4.8	2.5	*52.1*	5.4	6.3	*85.7*
7782	13.5		*54.1*							3.6		4.0		*90.0*	4.7	2.45	*52.1*	5.3	5.8	*91.4*
378695	12.7	*89.8*	*53.5*	9.3	8.7	9.4	69.5	65.0	3.55	3.55	3.8	3.6	*93.4*	*98.6*	4.9	2.45	*50.0*	5.2	6.3	*82.5*
378271	13.2		*57.6*	9.8	8.6	9.8	67.0	55.5	3.3	3.4	3.85	3.75	*85.7*	*90.7*	4.9	2.2	*44.9*	5.3	6.1	*86.9*
279205	12.5	*87.6*	*60.0*	9.2	8.1	8.9	63.0	56.0	3.4	3.5	3.9	3.8	*87.2*	*92.1*	5.1	2.15	*42.2*	5.2	5.7	*91.23*
378380	13.2	*84.9*	*50.8*	10.1	8.6	9.6	69.5	51.5	3.7	3.8	4.1	4.0	*82.5*	*89.5*	5.05	2.6	*48.9*	5.6	6.3	*81.3*
378369				8.8	8.0	8.8	66.5	58.0	3.55	3.6	3.9	3.8	*91.0*	*94.7*	5.1	2.3	*45.1*	5.0	6.1	*82.0*
242866	13.4	*84.3*	*53.0*	10.5	9.3	9.8	64.0	48.0	3.7	3.7	4.0	4.0	*92.5*	*92.5*	5.1	2.4	*47.1*	5.5	6.7	*82.1*
242939	13.1		*51.2*	9.8	8.7	9.6	68.0	48.0	3.5	3.7	3.8	3.8	*92.1*	*97.4*	5.0	2.05	*41.0*	5.0	5.9	*84.7*
7779	13.9					9.6														
242874	13.4		*52.2*	10.5	9.4	9.8	64.5	53.0	3.4	3.5	3.7	3.7	*91.9*	*94.6*	4.9	2.6	*53.1*	5.2	6.2	*83.9*
7767	13.4		*50.0*	9.9	8.4	9.2	63.5	45.0	3.2	3.3	3.8	3.9	*84.2*	*84.6*	4.6	2.15	*46.7*	5.4	6.1	*88.5*
50223	12.2	*92.6*	*58.2*	9.3	8.0	9.0	64.5	50.5	3.45	3.55	3.7	3.6	*93.2*	*98.6*	4.75	2.1	*44.2*	4.9	6.1	*80.3*
378301	13.0				8.2	9.2			3.7	3.8	4.1	4.0	*90.2*	*95.0*	4.95	2.55	*51.5*			
242914	13.8	*80.4*	*49.3*	10.2	9.2	9.6	65.0	53.5	3.5	3.6	4.0	3.9	*87.5*	*92.3*	4.9	2.7	*55.1*	5.3	6.4	*82.8*
225266	14.0		*47.9*	9.8	8.6	9.8	70.0	49.5	3.45	3.35	3.9	3.9	*88.5*	*85.9*	4.8	2.35	*49.0*	5.1	6.1	*83.6*
378374	13.7	*89.8*	*52.6*	9.9	8.8	10.0	69.5	55.5	3.4	3.35	3.9	3.9	*87.2*	*85.9*	4.95	2.2	*44.4*	5.1	6.2	*82.3*
7814	13.2		*53.8*	9.9	8.5	9.0	61.0	46.5	3.3	3.3	4.0	4.0	*82.5*	*82.5*	4.9	2.5	*51.0*			
50255	13.6		*52.2*	9.9	8.8	9.8	68.0	53.5	3.3	3.3	3.8	3.8	*86.8*	*86.8*	5.05	2.35	*46.5*	5.2	6.2	*83.9*
378331	12.5				7.7	9.2			3.4		3.7		*91.9*		4.8	2.25	*46.9*			
378351	13.4		*51.5*	8.9	7.8	9.0	68.0	54.0	3.5	3.65	3.7	3.55	*94.6*	*102.8*	4.7	2.3	*48.9*	5.1	6.0	*85.0*
50254	13.4		*53.7*	10.0	8.8	9.6	65.0	52.0		3.55		4.0		*88.8*	5.0	2.6	*52.0*	5.6	6.4	*87.5*
242853				9.5	8.4	9.0	63.5	53.5							4.8	2.3	*47.9*	5.4	6.3	*85.7*
50251	13.5		*54.1*	10.2	8.9	9.8	66.0	47.0	3.8	3.85	4.2	4.1	*90.5*	*93.9*	5.35	2.45	*45.8*	5.3	6.1	*86.9*
374826	13.3	*89.5*	*54.1*	10.7	9.6	9.9	64.0	59.0	3.3	3.35	3.6	3.6	*91.7*	*93.1*	4.5	2.4	*53.3*	5.7	6.2	*91.9*
242944	13.6			9.8	8.5	9.3			3.4	3.4	3.9	3.9	*87.2*	*87.2*	4.8	2.6	*54.2*	5.0	6.4	*78.1*
377754				10.6	9.6	10.0	65.5	56.0							4.95	2.2	*44.4*	5.2	6.3	*82.5*
378248	14.5		*49.7*	9.8	8.9	9.5	66.0	60.0		3.9		4.1		*85.1*	5.0	2.75	*55.0*			
378350	14.6		*47.3*	10.1	8.9	10.3	(72.0)		3.65	3.75	4.1	4.1	*89.0*	*91.5*				5.1	6.9	*73.9*
378653	14.4		*50.7*	9.8	8.6	9.6	66.0	52.5		3.85		4.1		*93.9*	5.0	2.55	*51.0*	5.5	6.5	*84.6*
7836	13.5		*47.4*		8.2	9.0			3.5		3.8		*92.1*		4.75	2.4	*50.5*			
378299	12.9	*90.7*	*52.7*	9.5	8.4	9.6	69.5	49.0	3.65	3.7	4.0	4.0	*91.3*	*92.5*	5.05	2.6	*51.5*	5.0	6.3	*79.4*
378275	14.5					9.5														
378482	13.4		*50.8*		9.2	10.2			3.6	3.65	4.1	4.0	*87.8*	*91.2*	4.65	2.55	*54.8*			

378277				9.9	8.8	9.7	67.5	52.0	3.3		3.9		*84.6*		5.0	2.5	*50.0*	5.1	6.6	*77.3*
7835	13.4		*50.8*						3.5	3.45	3.9	3.8	*89.7*	*90.8*	4.9	2.3	*46.9*	4.9	6.5	*75.4*
7794	13.5		*51.9*	10.6	9.2	9.6	61.5	46.5							4.8	2.45	*51.0*	5.6	6.2	*90.3*
242918	13.1	*78.6*		8.8	8.1	9.1			3.6	3.6	3.9	3.8	*92.31*	*94.7*	4.9	2.4	*49.0*	4.5	5.8	*77.6*
378302	13.2	*90.2*	*55.3*	10.1	8.6	9.2	61.0	49.0	3.45	3.55	4.1	3.9	*84.2*	*91.0*	4.7	2.1	*44.7*	5.6	6.1	*91.8*
377756	13.4	*88.8*	*53.0*	9.7	8.5	9.8	69.0	58.5	3.45	3.45	3.9	3.9	*88.5*	*88.5*	5.1	2.5	*49.0*	5.1	6.0	*85.0*
378306	13.2		*50.0*	9.7	8.6	9.4	67.0	51.5	3.45	3.55	3.9	3.9	*88.5*	*91.0*	4.7	2.3	*48.9*	5.1	6.1	*83.6*
242901	12.9		*51.2*	9.2	8.2	9.3	69.5	55.0	3.4	3.4	3.8	3.8	*89.5*	*89.5*	4.6	2.4	*52.2*	5.0	5.8	*86.2*
378483	13.0		*54.6*	10.0	9.0	9.4	64.0	58.5	3.6	3.55	3.7	3.6	*97.3*	*98.6*	4.6	2.3	*50.0*	5.1	5.8	*87.9*
378332	13.8					9.4			3.35		3.8		*88.2*		5.4	2.6	*48.2*			
242879	13.4		*53.7*	9.6	8.4	9.4	66.0	51.0	3.8	3.9	4.0	4.0	*95.0*	*97.5*	5.0	2.45	*49.0*	5.5	6.3	*87.3*
378696	13.4					10.2												5.9	6.7	*88.1*
279204	13.1	*90.1*	*56.5*	10.4	9.0	9.8	64.0	45.0	3.75	3.75	4.1	4.0	*91.5*	*93.8*	5.4	2.35	*43.5*	5.5	6.3	*87.3*
243976	13.1		*48.1*	9.4	8.5	9.3	69.5	47.5	3.5	3.6	3.8	3.8	*92.1*	*94.7*	5.0	2.7	*54.0*	4.8	5.9	*81.4*
378371	13.5	*80.0*	*48.9*	10.0	9.2	9.8	68.5	60.0	3.2	3.2	3.8	3.8	*84.2*	*84.2*	4.7	2.3	*48.9*	5.2	5.7	*91.2*
7781	13.7		*53.3*	10.6	9.2	9.8	63.0	49.0	3.55	3.6	4.0	3.9	*88.8*	*92.3*	5.0	2.5	*50.0*	5.6	6.4	*87.5*
377752	13.4	*88.1*	*55.2*	10.1	9.0	9.3	61.5	53.5	3.55	3.55	3.8	3.9	*93.4*	*91.0*	5.15	2.4	*46.6*	5.2	6.4	*81.3*
378723	13.3		*50.4*	9.2	8.6	9.8	74.0	64.5		3.35		3.9		*85.9*	4.9	2.6	*53.1*			
242886	13.4		*54.5*	10.3	8.8	9.4	61.5	45.0	3.4	3.5	3.8	3.8	*89.5*	*92.1*	5.1	2.45	*43.0*	5.5	6.3	*87.3*
242920	13.5			9.8	8.6	9.4			3.9	3.9	4.0	3.9	*97.5*	*100.0*	5.3	2.3	*43.4*			
378309 [2]																				
279206	13.4	*85.1*	*52.2*	9.6	8.4	9.0	63.0	50.0							4.9	2.5	*51.0*	5.1	6.5	*78.5*
378718	13.1	*89.3*	*52.7*	10.1	8.9	9.6	65.5	50.5	3.2	3.3	3.8	3.7	*84.2*	*89.2*	4.8	2.7	*56.2*	5.5	6.8	*80.9*
378370	13.4	*89.6*	*51.5*	9.8	8.5	8.7	59.0	47.5	3.3	3.25	3.8	3.8	*86.8*	*85.5*	4.7	2.5	*53.3*	5.3	6.0	*88.3*
7827	12.5		*49.6*	9.3	8.3	8.8	65.5	48.0	3.6	3.5	3.8	3.75	*94.7*	*93.3*	4.65	2.5	*53.8*	5.0	6.2	*80.7*
242877	13.3	*92.5*	*58.6*	10.1	8.8	9.2	60.0	51.5	3.6	3.7	3.8	3.8	*94.7*	*97.4*	5.3	2.2	*41.6*	5.4	5.9	*91.5*
378705										3.35		3.9		*85.9*	5.2	2.3	*44.2*			
378373	13.3	*90.2*	*52.6*	9.8	8.6	9.2	64.0	53.0	3.2	3.3	3.9	3.8	*82.1*	*86.8*	4.6	2.6	*56.6*			
378249	13.1		*55.0*	9.1	8.0	9.2	67.5	55.0	3.5	3.5	3.95	3.85	*88.6*	*90.9*	4.9	2.65	*54.1*	5.1	6.3	*81.0*
5022–4	13.2	*81.1*	*48.5*	9.1	8.0	9.4	72.0	51.0	3.4	3.35	3.85	3.8	*88.3*	*88.2*	4.6	2.5	*54.3*	4.9	6.0	*81.7*
378247	14.2	*86.6*	*51.4*	9.8	8.8	10.0	70.0	58.0	3.6	3.65	3.9	3.9	*92.3*	*93.6*	5.0	2.7	*54.6*	5.4	6.3	*85.7*
7799	13.5		*48.2*	9.9	8.6	9.2	64.5	44.0	3.5	3.5	3.9	3.8	*89.7*	*92.1*	4.75	2.4	*50.5*	5.1	6.1	*83.6*
378606	13.4	*85.8*	*52.2*	10.7	9.3	9.9	64.0	45.0	3.55	3.55	3.8	3.8	*93.4*	*93.4*	5.0	2.4	*48.0*	5.3	6.0	*88.3*
279203				9.1	7.8	9.0	64.0	54.0							5.0	2.2	*44.0*	5.2	6.1	*85.2*
Specimens	(63)	(24)	(54)	(58)	(62)	(66)	(54)	(54)	(55)	(57)	(55)	(57)	(55)	(57)	(65)	(64)	(64)	(56)	(56)	(56)
Totals	842.8			569.1	535.4	625.6	3,553.5	2,814.5	191.6	201.65	213.55	219.8			319.55	155.0		294.1	348.1	
Averages	13.38	*87.54*	*52.87*	9.81	8.64	9.48	65.81	52.12	3.48	3.54	3.88	3.86	*89.72*	*91.74*	4.92	2.42	*49.28*	5.25	6.22	*84.49*
Minima	12.2	*78.6*	*47.3*	8.8	7.7	8.7	59.0	44.0	3.2	3.2	3.6	3.55	*82.1*	*82.5*	4.5	2.05	*41.0*	4.5	5.7	*73.9*
Maxima	14.6	*97.6*	*60.0*	10.7	9.6	10.3	74.0	65.0	3.9	3.9	4.2	4.1	*97.5*	*102.8*	5.4	2.75	*56.5*	6.0	6.9	*91.9*

ALEUTS: FEMALES

(Kagamil Caves)

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
377905	U. S. N. M.	Kagamil	45		18.4	14.6	12.2	*79.4*	*73.9*		15.07	1,360.0		12.3	7.3
377873	do	do	24		18.0	14.4	12.5	*80.0*	*77.2*		14.97	1,460.0			7.3
377861	do	do	50		17.6	14.1	12.2	*80.1*	*77.0*		14.63	1,360.0			7.3
377867	do	do	25		16.7	13.4	12.6	*80.2*	*83.7*		14.23	1,275.0			7.3
377923	do	do	20		17.2	13.9	12.6	*80.8*	*81.0*		14.57	1,275.0			7.35
377819	do	do	70		18.6	15.1	13.3	*81.2*	*78.9*		15.67	1,390.0		11.7	7.0
377814	do	do	55		17.7	14.4	13.1	*81.4*	*81.6*		15.07	1,385.0		11.8	7.2
377911	do	do	50		17.9	14.6	12.6	*81.6*	*77.5*		15.03	1,330.0		12.5	7.5
378419	do	do	25		17.1	14.0	12.0	*81.9*	*77.2*		14.37				
377871	do	do	25		17.1	14.0	12.0	*81.9*	*77.2*		14.37	1,370.0			7.3
377836	do	do	40		17.7	14.5	12.4	*81.9*	*77.0*		14.87	1,425.0			6.4
377908	do	do	45		17.7	14.5	12.3	*81.9*	*76.4*		14.83	1,300.0		12.2	7.2
378730	do	do	30		17.8	14.6	12.0	*82.0*	*74.1*		14.80	1,420.0			7.8
378403	do	do	35		17.2	14.2	12.4	*82.6*	*79.0*		14.60			12.0	7.6
378422	do	do	60		17.4	14.4	11.8	*82.8*	*74.2*		14.53				
377863	do	do	20		17.4	14.4	12.6	*82.8*	*79.3*		14.80	1,505.0		10.8	6.5
377808	do	do	50		17.6	14.6	12.2	*83.0*	*75.8*		14.80	1,335.0		12.6	7.7
377904	do	do	55		17.6	14.6	12.8	*83.0*	*79.5*		15.0	1,430.0		11.6	6.9
378413	do	do	45		17.6	14.6	13.3	*83.0*	*82.6*		15.17				
377874	do	do	23		17.0	14.2	12.4	*83.5*	*79.5*		14.53	1,420.0			7.0
378415	do	do	55		16.5	13.8	12.2	*83.6*	*80.5*		14.17				6.4
377806	do	do	60		17.4	14.6	13.0	*83.9*	*81.2*		15.0				
377920	do	do	55		17.6	14.8	12.0	*84.1*	*74.1*		14.80			12.5	7.4
377872	do	do	40		17.6	14.8	11.9	*84.1*	*73.5*		14.77	1,370.0		12.2	7.4
377818	do	do	75		17.7	14.9	11.9	*84.2*	*73.0*		14.83	1,300.0			
378416	do	do	50		17.1	14.4	12.6	*84.2*	*80.0*		14.70			12.7	7.8
377870	do	do	55		17.8	15.0	12.8	*84.3*	*78.1*		15.20	1,445.0			7.1
378411	do	do	50		17.3	14.6	11.8	*84.4*	*74.0*		14.57				7.2
377926	do	do	70		18.1	15.3	12.2	*84.5*	*73.1*		15.20				7.1
378423	do	do	75		17.0	14.4	12.4	*84.7*	*79.0*		14.60				

378414	do	do	28		17.7	15.0	11.8	*84.7*	*72.2*		14.83				7.2
377865	do	do	21		17.0	14.4	12.5	*84.7*	*79.6*		14.63	1,375.0			6.5
378399	do	do	65		16.5	14.0	11.6	*84.8*	*76.1*		14.03			11.8	7.0
377924	do	do	24		16.9	14.4	12.2	*85.2*	*78.0*		14.50	1,300.0		11.2	7.0
378402	do	do	70		17.2	14.7	13.4	*85.5*	*84.0*		15.10				
377869	do	do	35		17.3	14.8	12.3	*85.6*	*76.6*		14.80	1,415.0			7.5
377914	do	do	50		17.4	14.9	12.6	*85.6*	*78.0*		14.97	1,350.0		12.0	7.2
377875	do	do	25		16.9	14.5	11.9	*85.8*	*75.8*		14.43				7.5
378417	do	do	23		16.4	14.2	11.4	*86.6*	*74.5*		14.0				6.9
378412	do	do	30		17.3	15.0	11.6	*86.7*	*71.8*		14.63				7.2
377879	do	do	30		16.8	14.6	12.2	*86.9*	*77.7*		14.53	1,330.0		11.5	7.0
377811	do	do	30		17.8	15.5	12.5	*87.1*	*75.1*		15.27	1,440.0		11.1	6.8
378427	do	do	19		17.0	15.1	11.8	*88.8*	*73.5*		14.63			10.8	6.2
378421	do	do	75		16.6	14.8	12.0	*89.2*	*76.4*		14.47				
377875	do	do	23		16.6	14.8	11.4	*89.2*	*72.6*		14.27				
Specimens			(45)		(45)	(45)	(45)	(45)	(45)		(45)	(25)		(18)	(36)
Totals			1,925		780.8	654.4	553.3				662.84	34,365.0		213.3	257.05
Averages			42.8		17.35	14.54	12.30	*83.81*	*77.10*		14.73	1,374.6		11.85	7.14
Minima			19		16.4	13.4	11.4	*79.4*	*71.8*		14.00	1,275.0		10.8	6.2
Maxima			75		18.6	15.5	13.4	*89.2*	*84.0*		15.67	1,505.0		12.7	7.8

ALEUTS: FEMALES—Continued

(Kagamil Caves)—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
377905	14.0	*87.9*	*52.1*	10.2	8.8	9.4	62.0	51.0	3.75	3.8	4.1	4.1	*91.5*	*92.7*	4.8	2.7	*56.2*	5.3	6.0	*88.3*
377873	13.8	------	*52.9*	9.1	8.1	9.3	68.0	58.0	3.85	3.8	3.9	4.0	*98.7*	*95.0*	4.95	2.4	*48.5*	5.0	6.7	*74.6*
377861	13.0	------	*56.1*	9.8	8.6	9.6	66.5	51.5	3.5	3.55	3.9	3.9	*89.7*	*91.0*	5.15	2.6	*50.5*	5.3	6.4	*82.8*
377867	12.6	------	*57.9*	8.9	8.0	9.6	72.0	58.5	3.85	3.75	4.0	3.9	*96.2*	*96.1*	5.1	2.1	*41.2*	4.8	5.9	*81.4*
377923	12.8	------	*57.4*	8.9	8.0	9.0	66.5	59.0	3.6	3.7	3.85	3.7	*93.5*	*100.0*	5.1	2.25	*44.1*	5.1	5.9	*86.4*
377819	14.0	*83.6*	*50.0*	10.7	9.9	10.3	67.5	62.5	3.3	3.3	4.0	4.0	*82.5*	*82.5*	4.8	2.7	*56.2*	5.3	6.5	*81.5*
377814	13.2	*89.4*	*54.5*	10.3	9.0	9.9	67.0	51.0	3.6	3.7	4.2	4.0	*85.7*	*92.5*	4.95	2.55	*51.5*	5.5	6.5	*84.6*
377911	13.4	*93.3*	*56.0*	9.9	8.6	9.2	62.0	54.0	3.6	3.55	3.95	3.8	*91.1*	*93.4*	4.95	2.35	*47.5*	5.5	6.2	*88.7*
378419	------	------	------	------	------	9.6	------	------	------	------	------	------	------	------	------	------	------	------	------	------
377871	13.2	------	*55.3*	10.6	9.1	9.9	64.0	49.0	3.4	3.4	3.95	3.95	*86.1*	*86.1*	4.8	2.5	*52.1*	5.6	6.5	*86.2*
377836	13.9	------	*46.0*	10.3	9.2	9.7	66.0	48.0	3.7	3.75	4.15	4.0	*89.2*	*93.7*	4.65	2.5	*53.8*	5.3	6.3	*84.1*
377908	13.7	*89.1*	*52.6*	10.7	9.3	9.6	61.5	51.0	3.3	3.35	3.9	3.8	*84.6*	*88.2*	4.7	2.4	*51.1*	5.7	6.5	*87.7*
378730	13.5	------	*57.8*	10.7	9.0	9.6	60.0	46.5	3.4	3.5	4.0	3.8	*85.0*	*92.1*	5.05	2.65	*52.5*	6.2	6.6	*93.9*
378403	13.4	*89.6*	*56.7*	10.0	8.8	9.4	63.0	55.0	3.85	3.95	4.05	3.95	*95.1*	*100.0*	5.1	2.5	*49.0*	5.2	6.1	*85.3*
378422	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
377863	12.3	*87.8*	*52.9*	9.3	8.4	9.2	68.5	57.0	3.6	3.55	3.7	3.7	*97.3*	*96.0*	4.6	2.0	*43.5*	5.0	6.1	*82.0*
377808	13.7	*92.0*	*56.2*	10.1	8.8	9.6	63.5	55.0	3.6	3.55	3.9	4.0	*92.3*	*88.8*	4.9	2.3	*46.9*	5.3	6.1	*87.0*
377904	13.2	*87.9*	*52.3*	9.7	8.4	9.2	64.0	43.5	3.95	3.95	4.0	4.1	*98.7*	*96.3*	4.95	2.4	*48.5*	5.2	5.8	*89.7*
378413	12.7	------	------	------	8.2	9.5	------	------	3.75	3.9	4.2	4.1	*89.3*	*95.1*	4.45	2.25	*50.6*	------	------	------
377874	13.5	------	*51.9*	9.4	8.2	9.2	66.5	54.0	3.55	3.65	4.0	3.95	*88.8*	*92.4*	4.6	2.2	*47.8*	5.1	5.6	*91.1*
378415	13.7	------	*46.7*	9.3	8.2	9.2	69.0	47.5	3.65	3.65	4.0	4.0	*91.3*	*91.3*	4.8	2.5	*52.1*	5.0	6.2	*80.7*
377806	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------
377920	14.3	*87.4*	*51.8*	10.2	9.0	9.6	63.5	54.5	------	3.75	------	3.85	------	*97.4*	4.95	2.6	*52.5*	5.4	6.3	*85.7*
377872	14.2	*85.9*	*52.1*	10.4	8.9	9.3	60.0	47.5	3.6	3.65	4.15	4.0	*86.8*	*91.3*	4.95	2.85	*57.6*	5.7	6.6	*86.4*
377818	14.0	------	------	------	8.9	9.9	------	------	3.65	3.65	4.2	4.0	*86.9*	*91.3*	5.3	2.6	*49.1*	------	------	------
378416	14.1	*90.1*	*55.3*	10.4	8.8	9.9	64.0	47.0	3.5	3.5	3.9	3.8	*89.7*	*92.1*	5.25	2.45	*46.7*	5.6	6.7	*83.6*
377870	13.9	------	*51.1*	10.1	8.8	9.8	67.0	49.0	3.5	3.6	4.05	3.9	*86.4*	*92.3*	5.0	2.3	*46.0*	5.2	6.2	*83.9*
378411	13.3	------	*54.1*	9.6	8.2	8.8	61.0	49.0	3.65	3.6	3.8	3.7	*96.1*	*97.3*	4.7	2.4	*51.1*	5.6	6.7	*83.6*
377926	14.4	------	*49.3*	------	8.7	9.4	------	------	3.4	3.55	4.2	4.2	*81.0*	*84.5*	4.8	2.5	*52.1*	------	------	------
378423	13.3	------	------	------	------	9.5	------	------	------	------	------	------	------	------	------	------	------	------	------	------
378414	14.1	------	*51.1*	10.4	9.0	9.8	65.0	46.0	3.95	3.95	4.05	4.0	*97.5*	*98.7*	5.1	2.35	*46.1*	5.6	6.7	*83.6*
377865	13.1	------	*49.6*	10.5	9.4	9.9	66.0	51.0	3.35	3.35	4.0	3.9	*83.8*	*85.9*	4.6	2.25	*48.9*	5.4	6.6	*81.8*

378399	13.4	*88.1*	*52.2*	9.5	8.3	8.8	62.0	52.5	3.65	3.7	3.95	3.9	*92.4*	*94.9*	4.65	2.2	*47.3*				
377924	12.9	*86.8*	*54.3*	10.2	8.8	9.4	63.0	50.0	3.4	3.45	3.9	3.8	*87.2*	*90.8*	4.55	2.3	*50.6*	5.3	5.8	*91.4*	
378402	13.4				9.4	9.9			3.15	3.25	3.8	3.7	*82.9*	*87.8*	4.6	2.8	*(60.9)*				
377869	13.7		*54.7*	10.0	8.8	9.6	64.5	53.5	3.55	3.6	3.8	3.75	*93.4*	*96.0*	5.15	2.5	*48.5*	5.1	6.3	*81.0*	
377914	13.6	*88.2*	*52.9*	10.1	9.0	9.8	66.5	56.5							4.8	2.65	*55.2*	5.3	6.5	*81.5*	
377875	13.5		*55.6*	10.6	9.2	9.3	59.0	47.5	3.8		4.15		*91.6*		5.2	2.65	*51.0*	5.6	6.5	*86.2*	
378417	13.1		*52.7*	10.1	(9.0)	(8.8)	(59.0)	(57.0	3.5	3.5	3.75	3.65	*93.3*	*95.9*	4.4	2.2	*50.0*	5.4	6.0	*90.0*	
378412	13.0		*55.4*	9.8	8.4	9.2	63.5	50.0	3.6	3.55	3.85	3.8	*98.5*	*93.4*	4.7	2.4	*51.1*	5.2	6.3	*82.5*	
377879	13.6	*84.6*	*51.5*	10.5	8.7	9.4	61.0	41.5	3.55	3.45	4.05	4.1	*87.7*	*84.2*	4.6	2.5	*54.3*	5.9	6.9	*85.5*	
377811	14.0	*79.3*	*48.6*	11.0	9.4	9.8	61.5	41.0	3.45	3.5	4.2	4.1	*82.1*	*85.4*	4.7	2.6	*55.3*	5.6	6.5	*86.2*	
378427	13.4	*80.6*	*46.3*	10.1	9.4	9.5	66.5	61.0	3.55		3.7		*95 9*		4.5	2.2	*48.9*	5.0	6.0	*83.3*	
378421																					
377875	13.1																				
Specimens	(41)	(18)	(36)	(35)	(39)	(41)	(34)	(34)	(37)	(36)	(37)	(36)	(37)	(36)	(39)	(39)	(39)	(34)	(34)	(34)	
Totals	553.0			351.4	342.7	389.4	2,191.5	1,749.5	132.6	129.95	147.25	140.9			188.9	95.15		182.3	214.5		
Averages	13.49	*87.27*	*52.84*	10.04	8.79	9.50	64.46	51.46	3.58	3.61	3.98	3.91	*90.05*	*92.23*	4.84	2.44	*50.37*	5.36	6.31	*84.99*	
Minima	12.3	*79.3*	*46.0*	8.9	8.0	8.8	59.0	41.0	3.15	3.25	3.7	3.65	*81.0*	*82.5*	4.4	2.0	*41.2*	4.8	5.6	*74.6*	
Maxima	14.4	*93.3*	*57.9*	11.0	9.9	10.3	72.0	62.5	3.95	3.95	4.2	4.2	*98.7*	*100.0*	5.3	2.85	*57.6*	6.2	6.9	*93.9*	
									Pairs, all:												
									(96)	(96)	(96)	(96)	(96)	(96)							
									303.3	306.25	337.75	332.85									
									3.53	3.56	3.93	3.87	*89.8*	*92.0*							

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
378638	U.S.N.M.	Umnak	28		18.5	13.3	13.4	*71.9*	*84.3*		15.07				7.4
378614	do	do	60		19.1	13.8	(14.7)	*72.3*	*(89.4)*		15.87			12.5	7.2
378388	do	Agatu	40		18.8	13.6	13.1	*72.3*	*80.9*		15.17	1,345.0			7.2
378615	do	Umnak	55		19.0	13.8	13.1	*72.6*	*79.9*		15.30			13.0	7.7
377757	do	Little Kiska	55		19.2	14.1		*73.4*						13.0	7.6
5215-7	Leningrad Mus.	Secondarily from Commander Islands.			19.6	14.4	13.4	*73.5*	*78.8*		15.80			13.4	7.8
378626	U.S.N.M.	Umnak	60		19.1	14.1		*73.8*							8.2
378633	do	do	60		18.4	13.6	13.4	*73.9*	*88.7*		15.13				
378602	do	do	45		18.9	14.0	14.1	*74.1*	*85.7*		15.67	1,490.0		12.5	7.4
7832	Moscow Mus.	do	50		18.6	13.8	13.1	*74.2*	*80.9*		15.17				
378463	U.S.N.M.	Shiprock	60		18.3	13.6	13.1	*74.3*	*82.1*		15.0			13.0	7.8
378649	do	Umnak	55		19.5	14.5	13.8	*74.4*	*81.2*		15.93			13.4	8.3
378731	do	Kagamil	40		19.2	14.3		*74.5*							
378478	do	Shiprock	45		18.8	14.0	12.6	*74.5*	*76.8*		15.13			12.0	7.0
378618	do	Umnak	45		19.3	14.4	13.5	*74.6*	*80.1*		15.73	1,680.0		12.8	7.3
7812	Moscow Mus.	do	55		18.6	13.9	12.4	*74.7*	*76.3*		14.97			12.8	7.7
378622	U.S.N.M.	do	60		19.0	14.2	13.0	*74.7*	*78.3*		15.40				
378641	do	do	55		18.4	13.8	12.6	*75.0*	*78.3*		14.93			12.5	7.4
7813	Moscow Mus.	do	55		18.6	14.0	12.3	*75.3*	*75.5*		14.97				7.5
378635	U.S.N.M.	do	60		19.5	14.7		*75.4*							
378645	do	do	70		18.8	14.2	12.8	*75.5*	*77.6*		15.27				
7823	Moscow Mus.	do	50		18.5	14.0		*75.7*							6.7
7806	do	do	60		19.0	14.4	13.6	*75.8*	*81.4*		15.67			13.2	7.9
7829	do	do	55		19.0	14.4	14.0	*75.8*	*83.8*		15.80				7.7
7828	do	do	60		18.2	13.8	12.8	*75.8*	*80.0*		14.93				
377913	U.S.N.M.	Kagamil	45		18.2	13.8	12.9	*75.8*	*80.6*		14.97			13.0	8.2
305729	do	Wislow Island	70		17.6	13.4	12.8	*76.1*	*82.6*		14.60				
378603	do	Umnak	50		18.6	14.2	13.3	*76.3*	*81.1*		15.37			12.9	7.6
378607	do	do	55		18.7	14.3	13.8	*76.5*	*83.6*		15.60	1,385.0		13.2	7.6
378609	do	do	40		18.4	14.1	13.0	*76.6*	*80.0*		15.17	1,390.0		12.2	7.3
378612	do	do	50		18.9	14.5	13.4	*76.7*	*80.2*		15.60	1,510.0		13.4	7.8
378643	do	do	55		19.8	15.2	14.0	*76.8*	*80.0*		16.33	1,690.0		14.7	8.8
378627	do	do	45		19.0	14.6	13.4	*76.8*	*79.8*		15.67				
378543	do	do	35		19.0	14.6	13.0	*76.8*	*77.4*		15.53	1,500.0		13.2	8.1
378408	do	do	70		19.0	14.6	13.3	*76.8*	*79.2*		15.63				7.5

378631	do	do	65		18.6	14.3	13.4	*76.9*	*81.5*		15.43			13.0	7.8
378328	do	Amlia	30		18.2	14.0	12.4	*76.9*	*77.0*		14.87				8.1
378691	do	Amchitka	35		18.2	14.0	12.7	*76.9*	*78.9*		14.97			12.4	7.3
3292	Leningrad Mus.	Secondarily from Commander Islands.			18.8	14.5	12.8	*77.1*	*76.9*		15.37				
7790	Moscow Mus.	Umnak	30		18.8	14.5	14.0	*77.1*	*84.1*		15.77			13.1	8.2
378276	U.S.N.M.	Kashega	65		18.6	14.4		*77.4*							
378475	do	Shiprock	50		18.8	14.6	12.2	*77.7*	*73.1*		15.20			13.5	8.1
378479	do	do	21		18.0	14.0	12.2	*77.8*	*76.3*		14.73			11.4	6.7
378250	do	Amchitka	65		19.0	14.8	13.5	*77.9*	*79.9*		15.77			13.4	7.7
378544	do	Shiprock	60		19.5	15.2	13.1	*77.9*	*75.5*		15.93	1,530.0		13.7	8.3
7811	Moscow Mus.	Umnak	50		17.4	13.6	12.4	*78.2*	*80.0*		[2] 14.47			13.0	7.8
378729	U.S.N.M.	Kagamil	45		18.4	14.4	13.0	*78.3*	*79.3*		15.27	1,490.0			7.2
7766	Moscow Mus.	Umnak	50		18.4	14.5		*78.8*							7.7
378341	U.S.N.M.	Atka	60		18.5	14.6	13.5	*78.9*	*81.6*		15.53			13.0	7.4
378624	do	Umnak	40		18.2	14.4	14.4	*79.1*	*88.3*		15.67			12.8	7.6
378629	do	do	50		17.8	14.1	12.8	*79.2*	*80.3*		14.90			11.8	7.0
378477	do	Shiprock	24		18.4	14.6	13.0	*79.4*	*78.8*		15.33			11.7	6.8
378377	do	Agatu	55		18.4	14.6	13.2	*79.4*	*80.0*		15.40			12.8	8.0
378610	do	Umnak	35		18.3	14.6	13.0	*79.8*	*79.0*		15.30	1,410.0		12.1	7.1
378651	do	do	65		18.3	14.6	13.3	*79.8*	*80.9*		15.40	1,450.0		12.7	7.0
378620	do	do	55		19.5	15.6	12.8	*80.0*	*72.9*		15.97	1,660.0		14.9	9.0
378474	do	Shiprock	30		18.4	14.8	13.4	*80.4*	*80.7*		15.53			13.3	7.9
Specimens			(55)		(57)	(57)	(49)	(57)	(49)		(50)	(13)		(36)	(46)
Totals			2,773		1,065.6	812.7	644.1				768.19	19,530.0		465.3	351.4
Averages			50.4		18.69	14.26	13.14	*76.3*	*79.8*		15.36	1,502.3		12.93	7.64
Minima			21		17.4	13.3	12.2	*71.9*	*72.9*		14.47	1,345.0		11.4	6.7
Maxima			70		19.8	15.6	14.4	*80.4*	*88.3*		16.33	1,690.0		14.9	9.0

Footnotes on p. 81 at end of table.

PRE-ALEUTS: MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
378638	14.3		*51.7*	10.7	9.9	10.6	69.0	61.5	3.25	3.25	4.1	4.0	*79.3*	*81.2*	5.3	2.6	*49.1*	5.5	6.8	*80.9*
378614	13.0	*96.1*	*55.4*	10.9	10.2	11.4	74.5	60.5	3.8		4.2		*90.5*		5.6	2.5	*44.6*			
378388	13.8		*52.2*	9.9	9.0	10.0	69.5	60.0	3.1	3.15	4.0	3.85	*77.5*	*81.8*	4.95	2.3	*46.5*	5.3	6.5	*81.6*
378615	14.0	*92.9*	*55.0*	10.4	9.0	10.0	65.0	48.5	3.8		3.9		*97.4*		5.4	2.4	*44.4*	5.3	6.2	*85.5*
377757	14.7	*88.4*	*51.7*						3.7		3.9		*94.9*		5.35	2.6	*48.6*	5.5	7.0	*78.6*
52157	14.4	*93.1*	*54.2*			10.3			3.8	3.8	4.3	4.3	*88.4*	*88.4*	5.5	2.85	*51.8*	5.9	7.2	*81.9*
378626									3.6		4.2		*85.7*		5.8	2.55	*44.0*			
378633						10.7														
378602	14.6	*85.6*	*50.7*	10.0	9.0	10.3	71.0	55.0	3.7	3.7	4.2	4.05	*88.1*	*91.4*	5.5	2.6	*47.3*	5.4	6.4	*84.4*
7832				9.9	8.8	10.2			3.8	3.7	3.9	3.8	*97.4*	*97.4*	5.4	2.5	*46.3*	5.4	6.5	*83.1*
378463	14.0	*92.9*	*55.7*	10.1	8.8	10.0	66.5	54.0	3.6	3.7	3.75	3.8	*96.0*	*97.4*	5.2	2.7	*51.9*	5.2	6.2	*83.9*
378649	14.9	*89.9*	*55.7*	10.0	9.2	10.6												5.1	6.5	*78.5*
378731																				
378478	14.6	*82.2*	*48.0*	10.7	9.6	10.2	65.5	52.0	3.3	3.35	4.0	3.8	*82.5*	*88.2*	5.1	2.6	*51.0*	5.3	6.4	*82.8*
378618	14.5	*88.3*	*50.3*	10.8	9.8	10.8	70.0	50.5	3.5	3.5	4.4	4.25	*79.6*	*82.4*	5.7	2.65	*46.5*	5.8	6.8	*85.4*
7812	14.1	*90.8*	*54.6*	10.7	9.8	10.6	68.0	62.0	3.8	3.8	4.1	4.0	*92.7*	*95.0*	5.25	2.5	*47.6*	5.4	6.4	*84.3*
378622	14.7				9.4	10.6			3.5	3.5	4.1	3.95	*85.4*	*88.6*	5.5	2.8	*50.9*	5.4	6.4	*84.4*
378641				11.4	9.9	10.3	62.0	42.5							5.4	2.6	*48.2*	5.3	6.0	*88.3*
7813	13.6		*55.2*	9.1	7.8	9.2	66.5	53.5		3.45		3.9		*88.5*	4.95	2.45	*49.5*	5.3	6.6	*80.5*
378635	15.0								3.5		4.2		*83.3*							
378645	14.3				9.6	10.4			3.6	3.65	4.0	3.8	*90.0*	*96.0*	5.35	2.45	*45.8*			
7823	14.1		*47.6*						3.55	3.55	4.0	3.9	*88.8*	*91.0*	4.7	2.6	*55.3*	5.6	6.8	*82.4*
7806	14.9	*88.6*	*53.0*	10.2	9.2	10.0	65.5	60.0	3.95	4.0	3.9	3.9	*101.3*	*102.6*	5.25	2.65	*50.5*	5.6	6.9	*81.2*
7829	14.2		*54.2*	10.5	9.4	10.7	70.0	56.0	3.5	3.45	3.9	3.9	*89.7*	*88.5*	5.4	2.4	*44.4*			
7828					8.1	9.3			3.7	3.9	3.7	3.6	*100.0*	*108.3*	5.0	2.1	*42.0*			
377913	13.3	*97.7*	*61.6*	10.6	9.6	10.4	65.5	61.5	3.85	3.85	4.1	4.0	*93.9*	*96.2*	5.4	2.6	*48.2*	5.6	6.4	*87.5*
365729	13.8				9.7	10.2			3.6	3.55	3.9	3.9	*92.8*	*91.0*	5.1	2.6	*51.0*			
378603	14.6	*88.4*	*52.1*			11.4			3.7		4.2		*88.1*		5.1	2.5	*49.0*	5.7	6.8	*83.8*

378607	14.8	*89.2*	*51.4*	10.8	9.9	10.6	68.0	62.0	3.8	3.85	4.4	4.3	*86.4*	*89.5*	5.3	2.75	*51.9*	5.9	6.8	*86.8*
378609	14.6	*83.6*	*50.0*	11.0	10.2	10.6	67.5	63.0	3.4	3.4	4.0	3.9	*85.0*	*87.2*	5.05	2.5	*49.5*	5.2	6.5	*80.0*
378612	14.2	*94.4*	*54.9*	10.4	8.9	10.4	68.0	49.0	3.8	3.6	4.0	4.0	*95.0*	*90.0*	5.4	2.65	*49.1*	5.9	6.9	*85.5*
378643	15.7	*93.6*	*56.0*	10.8	9.6	10.9	66.5	59.0	3.85	3.95	4.7	4.5	*81.9*	*87.8*	5.8	2.65	*45.7*	6.1	6.9	*88.4*
378627						10.2														
378543	14.8	*89.2*	*54.7*	10.4	9.3	10.4	67.0	56.5	3.75	3.75	4.1	4.0	*91.5*	*93.7*	5.6	2.8	*50.0*	5.3	6.0	*88.3*
378408	14.5		*51.7*	10.6	9.2	10.4	67.5	50.0	3.7	3.65	4.0	3.8	*92.5*	*96.0*	5.15	3.05	[3] *59.2*			
378631				10.3	9.3	10.6	70.0	55.0							5.9	2.3	*39.0*	5.4	6.7	*80.6*
378328	13.7		*69.1*	9.2	7.8	9.3	64.5	52.0	3.8	3.85	4.0	3.9	*95.0*	*98.7*	5.4	2.3	*42.6*	5.2	6.0	*86.7*
378691	14.0	*88.6*	*52.1*	11.3	10.0	10.4	63.0	46.0	3.55	3.55	4.0	3.8	*88.8*	*93.4*	5.35	2.6	*48.6*	6.2	6.7	*92.5*
3292	14.3				9.4	10.2			3.3	3.35	3.8	3.7	*86.8*	*90.5*	4.85	2.6	*53.6*			
7790	14.1	*92.9*	*58.2*	10.3	9.0	10.2	66.0	54.0		3.9		4.1		*95.1*	5.6	2.7	*48.2*	6.2	7.2	*86.1*
378276																				
378475	15.0	*90.0*	*54.9*	10.2	9.0	10.0	65.0	55.0	3.85	3.9	4.2	4.1	*91.7*	*95.1*	5.6	2.55	*45.5*	5.7	7.1	*80.3*
378479	13.9	*82.0*	*48.2*	10.9	10.0	10.3	66.5	57.5	3.35	3.3	3.9	3.8	*85.9*	*86.8*	4.8	2.45	*51.0*	5.6	6.6	*84.8*
378250	15.0	*89.5*	*51.3*	11.2	10.1	10.6	65.0	58.5		3.5		4.05		*86.4*	5.05	2.55	*50.5*	5.7	7.2	*79.2*
378544	15.1	*90.7*	*55.0*	11.2	10.2	10.5	63.0	62.5	3.6	3.65	4.0	3.9	*90.0*	*93.6*	5.25	2.65	*50.5*	6.1	6.8	*89.7*
7811	14.1	*92.2*	*55.3*	10.1	8.8	9.9	66.0	55.0	3.6	3.65	4.05	4.0	*88.9*	*91.3*	5.2	2.55	*49.0*	5.8	6.8	*85.3*
378729	14.3		*50.4*	10.7	9.4	9.9	69.0	55.0	3.4	3.4	4.0	3.9	*85.0*	*87.2*	4.75	2.9	[3] *61.0*	5.7	6.9	*82.6*
7766	14.2			10.5	9.4	10.7	70.0	56.0	3.5	3.45	3.9	3.9	*89.7*	*88.5*	5.4	2.4	*48.2*			
378341	14.3	*90.9*	*51.8*	10.1	8.9	10.0	67.5	52.0	3.85	3.85	4.0	4.0	*96.2*	*96.2*	5.2	2.55	*49.0*	5.7	6.2	*91.9*
378624	14.4	*88.9*	*52.8*	10.3	9.2	10.2	67.5	58.0	3.55	3.5	4.1	4.0	*86.6*	*87.5*	5.05	2.5	*49.5*	6.0	7.1	*84.5*
378629	14.2	*88.1*	*49.3*		9.1	10.2			3.35	3.4	3.9	3.9	*85.9*	*87.2*	4.55	2.35	*51.6*	5.4	6.3	*85.7*
378477	15.2	*77.0*	*44.7*	10.2	9.2	9.9	67.5	56.5	3.85	3.7	4.1	4.1	*93.9*	*90.2*	4.65	2.5	*53.8*	5.6	7.2	*77.8*
378377	14.7	*87.1*	*54.4*	10.1	8.8	9.7	64.0	51.5	3.75	3.85	4.1	4.0	*91.5*	*96.2*	5.7	2.45	*43.0*	5.5	6.5	*84.6*
378610	14.5	*83.5*	*49.0*	10.0	8.9	10.1	70.0	49.0	3.55	3.55	4.1	4.0	*86.6*	*88.8*	5.45	2.7	*49.5*	5.2	6.6	*78.8*
378651	14.9	*85.2*	*47.0*	11.0	9.9	10.7	68.5	55.0	3.5	3.6	4.1	4.1	*85.4*	*87.8*	4.8	2.6	*54.2*	5.6	7.0	*80.0*
378620	15.0	*99.3*	*60.0*	11.6	9.7	10.6	60.0	50.0	3.45	3.55	4.2	4.25	*82.1*	*83.5*	5.6	2.55	*45.5*	6.3	7.3	*86.3*
378474	14.8	*89.9*	*53.4*	10.8	9.5	10.6	67.0	53.0	3.7	3.75	4.2	4.1	*88.1*	*91.5*	5.45	2.45	*45.0*	5.8	6.9	*84.1*
Specimens	(48)	(34)	(42)	(41)	(47)	(51)	(39)	(39)	(47)	(44)	(47)	(44)	(47)	(44)	(51)	(51)	(51)	(43)	(43)	(43)
Totals	691.7			429.9	438.5	526.3	2,613.0	2,148.5	170.0	159.3	190.8	174.8			269.10	130.7		240.7	287.0	
Averages	14.41	*89.23*	*52.91*	10.49	9.33	10.32	67.0	55.09	3.62	3.62	4.06	3.97	*89.10*	*91.13*	5.28	2.56	*48.57*	5.60	6.67	*83.87*
Minima	13.0	*77.0*	*44.7*	9.1	7.8	9.2	60.0	42.5	3.1	3.15	3.7	3.6	*77.5*	*81.2*	4.65	2.1	*39.0*	5.10	6.0	*77.8*
Maxima	15.7	*99.3*	*69.1*	11.6	10.2	11.4	74.5	63.0	3.95	4.0	4.7	4.5	*101.3*	*108.3*	5.9	3.05	*61.0*	6.3	7.3	*92.5*

[1] Allowance made for wear of teeth, where needed.
[2] Small, but male characters.
[3] Not negroid.

PRE-ALEUTS: FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Naslon Height (b)
378628	U.S.N.M.	Umnak	60		19.4	13.4	13.9	*69.1*	*84.8*		15.57				
378658	do	do	50		18.5	12.9		*69.7*							
378652	do	do	65		18.4	13.0	13.5	*70.6*	*86.0*		14.97	1,305			7.6
378456	do	do	80		18.4	13.2		*71.7*							7.1
378659	do	do	60		18.4	13.3		*72.3*							
378655	do	do	60		18.5	13.4		*72.4*							
378680	do	do	55		18.9	13.8	12.3	*73.0*	*75.2*		15.0				7.4
378637	do	do	70		17.9	13.1	13.5	*73.2*			14.83				
378634	do	do	75		18.0	13.2	12.7	*73.3*	*81.4*		14.63	1,255			7.1
378654	do	do	35		18.0	13.3	13.8	*73.9*	*88.2*		15.03				
378646	do	do	35		18.4	13.7	13.4	*74.5*	*83.5*		15.17				7.1
378632	do	do	60		18.8	14.0		*74.5*							
378642	do	do	55		18.8	14.0	12.8	*74.5*	*78.1*		15.20				
378868	do	do	18		18.1	13.5	12.0	*74.6*	*76.0*		14.53	1,430			6.9
378648	do	do	60		18.6	13.9		*74.7*							
378630	do	do	30		18.3	13.8	13.8	*75.4*	*86.0*		15.30	1,360		12.6	7.6
378473	do	Shiprock	65		18.3	13.8	12.1	*75.4*	*75.4*		14.73			12.7	7.9
378706	do	do	75		17.4	13.2	12.0	*75.9*	*78.4*		14.20				
7831	Moscow Mus.	Umnak	30		17.7	13.5	12.0	*76.3*	*76.9*		14.40				6.6
378621	U.S.N.M.	do	70		18.2	13.9	13.6	*76.4*	*84.7*		15.23	1,335		11.4	6.7
378647	do	do	55		18.8	14.4	12.4	*76.6*	*74.7*		15.20	1,350			
378697	do	Amchitka	50		17.2	13.2	12.4	*76.7*	*81.6*		14.27				
5215	Leningrad Mus.	Secondarily from Commander Islands			18.0	13.8	12.8	*76.7*	*80.5*		14.87			11.7	7.0
378308	U.S.N.M.	Černovski	60		17.0	13.1		*77.1*							6.9
378623	do	Umnak	70		17.9	13.8	12.4	*77.1*	*78.2*		14.70	1,255			
7807	Moscow Mus.	do	70		18.4	14.2	11.8	*77.2*	*72.4*		14.80				7.3
378398	U.S.N.M.	Attu	20		17.6	13.6	11.8	*77.3*	*75.6*		14.33				6.6
7787	Moscow Mus.	Umnak	60		17.2	13.3	13.0	*77.3*	*85.2*		14.50				7.2

378392	U.S.N.M.	Agatu	45		18.1	14.0		77.4							
378165	do	Shiprock	50		17.8	13.8	12.4	77.5	78.5		14.67	1,140.0		11.8	7.2
378400	do	Kagamil	65		17.4	13.5	12.2	77.6	79.0		14.37				7.4
378344	do	Atka	50		18.0	14.0	12.6	77.8	78.8		14.87				
378272	do	Kasbega	50		18.0	14.0	11.8	77.8	73.8		14.60				7.1
378298	do	Černovski	50		18.0	14.0	12.9	77.8	80.6		14.97			12.5	7.7
378542	do	Shiprock	35		18.0	14.0	12.8	77.8	80.0		14.93	1,340.0		12.7	7.9
378704	do	do	30		17.9	14.0		78.2							6.8
378701	do	Amchitka	40		17.6	13.8	13.1	78.4	83.4		14.83	1,230.0			6.5
378617	do	Umnak	65		18.0	14.2	12.4	78.9	77.0		14.87				
377915	do	Kagamil	65		18.0	14.2	12.8	78.9	79.5		15.0	1,350.0		12.0	7.1
5022	Leningrad Mus.	Atka			17.2	13.6	12.4	79.1	80.5		14.40			11.5	7.0
378640	U.S.N.M.	Umnak			17.3	13.7	13.0	79.2	83.9		14.67				7.7
7830	Moscow Mus.	do	35		17.8	14.1	12.2	79.2	76.5		14.70				6.7
7762	do	do	35		17.5	13.9	12.3	79.4	78.3		14.57				7.2
7768	do	do	70		17.1	13.6	11.8	79.5	76.9		14.17				
377753	U.S.N.M.	Amoknak	55		17.1	13.6	11.4	79.5	74.3		14.03			11.6	6.8
378639	do	Umnak	65		17.6	14.0	13.3	79.6	84.2		15.17	1,230.0		13.2	8.0
378343	do	Atka	26		17.3	13.8	12.6	79.8	81.0		14.57				7.5
378454	do	Umnak	65		17.5	14.0	13.0	80.0	82.5		14.83				6.9
378466	do	Shiprock	70		17.6	14.1	12.6	80.1	79.5		14.77				
378470	do	do	55		17.6	14.1	12.8	80.1	80.8		14.83			11.5	7.2
378604	do	Umnak	55		18.4	14.8	12.8	80.4	77.1		15.33			12.4	7.4
7809	Moscow Mus.	do	55		17.4	14.0	12.4	80.5	79.0		14.60				7.1
378330	U.S.N.M.	Amlia	30		17.4	14.0	13.4	80.5	85.3		14.93				6.5
7816	Moscow Mus.	Umnak	20		17.6	14.2	12.7	80.7	79.9		14.83				6.6
7777	do	do	65		17.6	14.2	12.3	80.7	77.4		14.70			11.7	7.1
378405	U.S.N.M.	Kagamil	65		17.6	14.2	12.4	80.7	78.0		14.73			12.4	7.4
378468	do	Shiprock	55		17.6	14.2	11.8	80.7	74.2		14.53			11.4	6.7
378616	do	Umnak	28		18.3	14.8	13.3	80.9	80.4		15.47			10.9	6.4
378601	do	do	30		17.8	14.4	12.8	80.9	79.5		15.0	1,400.0		12.6	7.7
378372	do	Agatu	35		16.8	13.6	12.9	81.0	84.9		14.43			12.3	7.5
7796	Moscow Mus.	Umnak	50		17.4	14.1	13.0	81.0	82.5		14.83			11.8	7.2
7782	do	do	60		17.6	14.3		81.3							7.3
7779	do	do	70		18.0	14.7	12.8	81.7	78.3		15.17				
7767	do	do	50		17.0	13.9	11.8	81.8	76.4		14.23				6.7
Specimens			(61)		(64)	(64)	(54)	(64)	(54)		(54)	(13)		(20)	(45)
Totals			3182		1,144.0	884.7	682.8				798.06	16,980.0		240.7	321.3
Averages			52.2		17.88	13.82	12.64	77.83	79.82		14.78	1,306.2		12.04	7.14
Minima			18		16.8	12.9	11.4	69.1	73.4		14.03	1,140.0		10.9	6.4
Maxima			80		19.4	14.8	13.9	81.8	88.2		15.57	1,450.0		13.2	7.9

[1] Allowance made for tooth wear, where needed.

PRE-ALEUTS: FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a\times100}{c}\right)$	*Facial Index, upper* $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
378628						11.0			3.8		4.0		*95.0*							
378658																				
378652	13.3		*57.1*	10.3	9.0	10.2	67.5	51.5	3.7	3.65	4.05	3.9	*91.4*	*93.6*	5.3	2.45	*46.2*			
378456	12.5		*56.8*						3.7	3.7	3.85	4.0	*96.1*	*92.5*	5.1	2.55	*50.0*			
378659																				
378655																				
378680	13.3		*55.6*	9.9	8.8	10.0	69.0	53.5	4.0	4.0	4.3	4.2	*93.0*	*95.2*	5.4	2.65	*49.1*	5.3	6.2	*85.5*
378637						10.3														
378634	12.8		*55.5*	9.7	8.5	9.4	66.0	49.0	3.7	3.8	4.0	4.0	*92.5*	*95.0*	5.2	3.0	*57.7*	5.3	6.3	*84.1*
378651																				
378646	13.6		*52.2*	10.2	9.2	10.0	68.0	57.0	3.45	3.5	3.9	3.7	*88.5*	*94.6*	5.0	2.5	*50.0*	5.5	7.0	*78.6*
378632																				
378642						10.5														
378868	11.7		*59.0*	9.9	8.8	9.4	65.0	53.0	3.4	3.4	3.8	3.7	*89.5*	*91.7*	4.75	2.2	*46.3*	5.3	6.1	*86.9*
378648																		5.4	6.8	*79.4*
378630	13.4	*94.0*	*56.7*	10.5	9.4	10.3	67.0	57.0	3.3	3.3	4.0	3.9	*82.5*	*84.6*	5.3	2.45	*46.2*	5.7	6.9	*82.6*
378473	13.4	*94.8*	*59.0*	9.6	8.2	9.8	67.0	52.0	3.9	3.95	4.0	3.9	*97.5*	*101.3*	5.25	2.6	*49.5*	5.1	6.5	*78.5*
378706	13.4				9.4	10.0			3.4	3.5	3.9	3.9	*87.2*	*89.7*	5.0	2.35	*47.0*			
7831	13.8		*47.8*	10.1	9.0	9.7	67.0	51.0	3.6	3.6	4.1	4.0	*87.8*	*90.0*	4.7	2.5	*53.2*	5.5	6.5	*84.6*
378621	13.5	*84.4*	*49.6*		9.0	9.8			3.35	3.2	3.95	3.9	*84.8*	*82.1*	4.6	2.6	*56.5*			
378647	13.9					9.6														
378697						9.6														
52215	13.5	*86.7*	*51.9*	10.5	9.2	9.8	64.5	50.0	3.2	3.3	3.7	3.6	*86.5*	*91.7*	4.8	2.35	*49.0*	5.4	6.4	*84.4*
378308	12.8		*58.9*						3.6		3.7		*97.3*		4.7	2.4	*51.2*	5.3	5.8	*91.4*
378623					8.5	9.5				3.55		3.9		*91.0*	5.05	2.4	*47.5*			
7807	14.0		*52.1*	9.7	8.6	9.6	67.0	56.5	3.8		4.1		*92.7*		4.95	2.4	*48.5*			
378398	12.9		*51.2*	9.1	8.3	9.1	68.5	58.5	3.5	3.45	3.75	3.75	*93.3*	*92.0*	4.7	2.3	*48.9*	5.1	6.0	*85.0*
7787	13.3		*54.1*	9.8	8.8	9.6	62.0	57.0	3.7	3.7	3.95	3.9	*93.7*	*94.9*	4.9	2.3	*46.9*			
378392									3.4	3.4	4.2	4.2	*81.0*	*81.0*	5.0	2.5	*50.0*	5.2	6.6	*78.8*
378165	13.5	*87.4*	*53.3*	9.7	8.8	9.6	67.5	60.0	3.4	3.4	3.8	3.7	*89.5*	*91.9*	4.9	2.3	*46.9*	5.3	6.3	*84.1*
378400										3.5		4.0		*89.5*	5.1	2.5	*49.0*	5.2	6.4	*79.1*
378344	12.7					9.4														
378272	12.4		*57.3*	9.3	8.2	9.0	65.0	53.0	3.4	3.4	3.6	3.6	*94.4*	*94.4*	5.0	2.35	*47.0*	5.1	6.3	*81.0*
378298	13.0	*96.1*	*59.2*	10.7	9.4	10.0	63.5	54.0	3.6	3.6	4.1	4.1	*87.8*	*87.8*	5.0	2.7	*54.0*	5.5	6.3	*87.3*
378542	14.3	*88.8*	*55.2*	10.2	9.0	10.4	69.0	55.0	3.4	3.45	3.85	3.9	*88.3*	*88.5*	5.45	2.3	*42.2*	5.3	6.6	*80.3*
378704	14.1		*48.2*	10.0	8.8	9.6	66.5	49.0		3.3		3.6		*91.7*	4.9	2.4	*49.0*			

378701	14.0		*46.4*	10.3	9.4	10.0	69.0	58.5	3.35	3.35	3.9	3.7	*85.9*	*90.5*	4.5	2.5	*55.6*	5.4	6.5	*83.1*
378617						9.8												5.3	6.5	*81.5*
377915	13.7	*87.6*	*51.8*	10.4	9.4	10.0	66.5	57.0	3.6	3.65	4.15	4.0	*86.8*	*91.3*	4.9	2.7	*55.1*			
5022	13.0	*88.5*	*53.9*	9.9	8.8	9.6	66.5	56.0	3.4		3.95		*86.1*		4.7	2.55	*54.3*	5.4	6.2	*87.1*
378640	13.5		*57.0*	10.2	8.8	9.8	64.5	50.5	3.9	4.0	4.1	4.2	*95.1*	*95.2*	5.2	2.4	*46.2*			
7830	13.4		*60.0*	9.3	8.1	9.6				3.4		3.7		*91.9*						
7762	13.3		*54.1*	10.2	8.6	9.8	66.0	47.0	3.3	3.3	3.85	3.75	*85.7*	*88.0*	4.7	2.2	*46.8*	6.1	6.2	*(98.4)*
7768						9.6														
377753	12.8	*90.6*	*63.1*	9.4	7.8	9.0	65.0	43.5	3.25	3.4	3.8	3.7	*85.5*	*91.9*	4.6	2.0	*43.5*	5.2	6.0	*86.7*
378639	13.7	*96.3*	*58.4*	10.1	9.1	10.1	67.0	59.0	3.6	3.5	3.9	3.8	*92.3*	*92.1*	5.55	2.6	*46.9*	5.5	6.8	*80.9*
378343	12.8		*58.6*	9.9	8.8	9.4	63.5	56.5	3.5	3.5	3.8	3.8	*92.1*	*92.1*	5.0	2.45	*49.0*	5.2	6.4	*81.3*
378454	13.6		*60.7*		8.8	9.9			3.4	3.3	3.75	3.7	*90.7*	*89.2*	4.85	2.3	*47.4*	5.3	6.2	*85.5*
378466	13.4				8.9	9.9			3.5	3.45	4.0	3.9	*87.5*	*88.5*	4.9	2.6	*53.1*			
378470	13.5	*85.2*	*53.3*	9.9	8.8	9.8	68.0	53.0	3.5	3.5	4.1	4.0	*85.4*	*87.5*	5.15	2.55	*49.5*	5.2	6.4	*81.3*
378604	14.1	*87.9*	*52.5*	10.4	9.4	10.4	69.5	57.0	3.8	3.95	4.1	4.0	*92.7*	*98.7*	5.3	2.65	*50.0*	5.2	6.0	*86.7*
7809	13.2		*53.8*	10.4	9.3	10.0	67.0	55.0		3.75		3.9		*96.1*	4.9	2.4	*49.0*	5.4	6.1	*88.5*
378330	13.2		*49.2*	9.1	8.2	9.4	72.0	58.5	3.2		3.8		*84.2*		4.4	2.55	*57.9*	4.8	5.9	*81.4*
7816	13.1		*50.4*	9.4	8.4	9.6	72.0	56.5	3.2	3.25	3.8	3.8	*84.2*	*85.5*	4.6	2.2	*47.8*			
7777				10.5	9.2	9.8	64.0	51.0							4.8	2.4	*50.0*	5.4	6.2	*87.1*
378405	13.9	*89.2*	*53.2*	10.4	9.2	10.0	66.0	54.5	3.5	3.5	4.2	4.05	*83.3*	*86.4*	5.0	2.5	*50.0*	5.2	6.4	*81.3*
378468	12.8	*89.1*	*52.3*	9.9	8.6	9.8	69.0	46.5	3.4	3.3	3.8	3.6	*89.5*	*91.7*	4.8	2.3	*47.9*	4.9	5.6	*87.5*
378616						9.5												5.3	6.0	*88.3*
378601	14.0	*90.0*	*55.0*	10.4	9.3	9.9	64.5	58.0	3.6	3.6	4.1	4.0	*87.8*	*90.0*	5.2	2.6	*50.0*	5.5	6.3	*87.3*
378372	13.4	*91.8*	*56.0*	9.6	8.6	9.4	65.5	56.5	3.25	3.2	3.8	3.8	*85.5*	*84.2*	5.35	2.4	*44.9*	5.4	6.7	*80.6*
7796	13.2	*89.4*	*54.6*	9.5	8.2	9.4	67.0	51.5	3.35		3.8		*88.2*		4.8	2.15	*44.8*	5.4	6.3	*85.7*
7782	13.5		*54.1*							3.6		4.0		*90.0*	4.7	2.45	*52.1*	5.3	5.8	*91.4*
7779	13.9					9.6														
7767	13.4		*50.0*	9.9	8.4	9.2	63.5	45.0	3.2	3.3	3.8	3.9	*84.2*	*84.6*	4.6	2.15	*46.7*	5.4	6.1	*88.5*
Specimens	(47)	(18)	(42)	(38)	(43)	(53)	(37)	(37)	(42)	(42)	(42)	(42)	(42)	(42)	(47)	(47)	(47)	(38)	(38)	(38)
Totals	627.5			378.3	379.0	517.5	2,466.0	1,988.0	147.1	147.45	165.1	162.65			232.55	114.65		202.3	239.6	
Averages	13.35	*89.86*	*53.62*	9.96	8.81	9.76	66.65	53.73	3.50	3.51	3.93	3.87	*89.10*	*90.65*	4.95	2.44	*49.30*	5.32	6.31	*84.43*
Minima	11.7	*84.4*	*46.4*	9.1	7.8	9.0	62.0	43.5	3.2	3.2	3.6	3.6	*81.0*	*81.0*	4.4	2.0	*42.2*	4.8	5.6	*78.5*
Maxima	14.3	*96.3*	*59.2*	10.7	9.4	11.0	72.0	60.0	4.0	4.0	4.3	4.2	*97.5*	*101.3*	5.55	3.0	*57.9*	6.1	7.0	*91.4*

KODIAK AND ALEUTIAN ISLANDS

(Abstract)

Measurement	MALES				FEMALES			
	Koniag	pre-Koniag	Aleut	pre-Aleut	Koniag	pre-Koniag	Aleut	pre-Aleut
Approximate age	(52) 37.7	(76) 44.3	(88) 44.9	(55) 50.4	(35) 36.6	(139) 43.7	(92) 43.5	(61) 52.2
Vault:								
Length	(49) 17.56	(67) 18.01	(113) 18.05	(57) 18.69	(33) 16.81	(135) 17.31	(115) 17.25	(64) 17.88
Breadth	(49) 15.08	(67) 13.99	(113) 15.07	(57) 14.26	(33) 14.54	(135) 13.54	(115) 14.47	(64) 13.82
Height	(48) 13.53	(61) 13.92	(111) 12.90	(49) 13.14	(33) 13.0	(116) 13.38	(111) 12.32	(54) 12.64
Cranial index	*(49)* 85.87	*(67)* 77.65	*(113)* 83.48	*(57)* 76.27	*(33)* 86.50	*(135)* 78.21	*(115)* 83.85	*(64)* 77.33
Mean height index	(48) *83.01*	(61) *86.97*	(111) *77.90*	(49) *79.8*	(33) *82.94*	(116) *86.82*	(111) *77.63*	(54) *79.82*
Module (mean diam.)	(48) 15.40	(67) 15.30	(111) 15.34	(50) 15.36	(35) 14.77	(116) 14.61	(111) 14.69	(54) 14.78
Capacity	(2) 1,575.0	----------	(55) 1,536.7	(13) 1,502.3	(2) 1,202.5	----------	(42) 1,368.0	(13) 1,306.2
Face:								
Total height	(35) 12.47	(44) 13.06	(57) 12.59	(36) 12.93	(21) 11.90	(63) 12.06	(46) 11.70	(20) 12.04
Upper height	(50) 7.53	(63) 7.85	(102) 7.54	(46) 7.64	(28) 7.19	(115) 7.35	(95) 7.06	(45) 7.14
Maximum breadth	(50) 14.56	(63) 14.03	(106) 14.43	(48) 14.41	(28) 13.33	(107) 12.93	(104) 13.42	(47) 13.35
Facial index, total	(33) *85.80*	(41) *93.38*	(57) *87.32*	(34) *89.23*	(19) *89.02*	(57) *93.41*	(42) *87.42*	(18) *89.86*
Facial index, upper	(50) *51.74*	(58) *55.93*	(99) *52.31*	(42) *52.91*	(28) *53.91*	(100) *56.92*	(89) *52.62*	(42) *53.62*
Base, etc.:								
Basion-Alveolar Pt	(49) 9.83	(54) 10.28	(100) 10.52	(41) 10.49	(28) 9.74	(86) 9.94	(93) 9.90	(38) 9.96
Basion-Subnasal Pt	(47) 9.09	(60) 9.15	(105) 9.22	(47) 9.33	(31) 8.55	(96) 8.81	(101) 8.69	(43) 8.81
Basion-Nasion	(49) 10.22	(63) 10.41	(108) 10.01	(51) 10.32	(33) 9.63	(112) 9.98	(110) 9.23	(53) 9.76
Facial angle	(45) 68.23	(53) 68.42	(98) 64.57	(39) 67.0	(26) 67.27	(85) 68.34	(88) 65.28	(37) 66.65
Alveolar angle	(45) 54.54	(53) 57.03	(97) 52.07	(39) 55.09	(26) 51.87	(85) 55.37	(88) 51.86	(37) 53.73
Orbits:								
Mean height	(53) 3.57	(61) 3.63	(109) 3.69	(50) 3.62	(30) 3.51	(117) 3.53	(99) 3.54	(48) 3.51
Mean breadth	(53) 4.0	(61) 4.01	(109) 4.11	(50) 4.02	(30) 3.88	(117) 3.82	(99) 3.90	(48) 3.90
Orbital index	(53) *89.50*	(61) *90.37*	(109) *89.67*	(50) *90.07*	(30) *90.45*	(117) *92.21*	(99) *90.89*	(48) *89.87*
Nose:								
Height	(48) 5.27	(65) 5.39	(108) 5.19	(51) 5.28	(31) 4.97	(117) 5.08	(104) 4.89	(47) 4.95
Breadth	(48) 2.50	(65) 2.50	(108) 2.53	(51) 2.56	(31) 2.41	(117) 2.37	(103) 2.43	(47) 2.44

Index	(43) 47.40	(65) 46.40	(108) 48.72	(51) 48.57	(31) 48.57	(117) 46.72	(103) 49.69	(47) 49.80
Upper Alveolar Arch:								
Length	(50) 5.57	(59) 5.54	(99) 5.64	(43) 5.60	(26) 5.26	(96) 5.31	(90) 5.29	(38) 5.32
Breadth	(50) 6.81	(59) 6.74	(99) 6.60	(43) 6.67	(26) 6.39	(96) 6.41	(90) 6.25	(38) 6.31
Index	(50) 81.8	(59) 82.12	(99) 85.47	(43) 83.87	(26) 82.36	(96) 82.87	(90) 84.68	(38) 84.43
Lower jaw:								
Height at symphysis	(36) 3.50	(55) 3.73			(22) 3.33	(71) 3.45		
Diam. frontal minimum	(48) 9.73	(67) 9.47			(28) 9.25	(117) 9.19		

SIBERIA: NEOLITHIC CRANIA [1]

(Abstract)

Measurement	MALES		FEMALES		Measurement	MALES		FEMALES	
	Angara River	Upper Lena River	Angara River	Upper Lena River		Angara River	Upper Lena River	Angara River	Upper Lena River
Approximate age	(39) 43.8 y.	(7) 44.3 y.	(20) 39.3 y.	(6) 35.8 y.	Base, etc.—Continued.				
Vault:					Basion—Subnasal Pt	(17) 9.56	(6) 9.72	(10) 8.94	(4) 8.95
Length	(39) 19.47	(7) 19.26	(20) 18.48	(6) 18.47	Basion—Nasion	(27) 10.66	(6) 10.60	(12) 10.0	(5) 9.70
Breadth	(39) 14.32	(7) 14.16	(20) 13.93	(6) 13.93	Facial angle	(17) 69.2	(5) 68.6	(9) 68.7	(4) 67.0
Height	(27) 13.43	(6) 13.50	(13) 12.65	(5) 12.26	Alveolar angle	(17) 54.8	(5) 56.1	(9) 53.9	(4) 51.1
Cranial index	(39) *73.5*	(7) *73.5*	(20) *75.4*	(6) *75.5*	Orbits (mean):				
Mean height index	(27) *79.2*	(6) *80.6*	(13) *78.0*	(5) *76.5*	Height	(20) 3.43	(7) 3.39	(10) 3.30	(6) 3.38
Module (mean diam.)	(27) 15.78	(6) 15.67	(13) 15.03	(5) 14.91	Breadth	(20) 3.94	(7) 3.93	(10) 3.82	(6) 3.76
Face:					*Index*	(20) *86.9*	(7) *84.4*	(10) *86.1*	(6) *90.0*
Total height	(10) 12.60	(2) (12.55)	(3) (11.30)	(2) (11.15)	Nose:				
Upper height	(19) 7.69	(6) 7.33	(13) 7.08	(5) 6.86	Height	(21) 5.41	(7) 5.22	(12) 5.03	(5) 4.86
Breadth	(24) 14.28	(7) 14.10	(12) 13.20	(6) 13.0	Breadth	(21) 2.61	(7) 2.45	(12) 2.48	(5) 2.33
Facial index Total	(10) *88.2*	(2) *(89.9)*	(3) *(85.0)*	(2) *(85.8)*	*Index*	(21) *48.3*	(7) *46.9*	(12) *49.3*	(5) *47.9*
Facial index Upper	(18) *54.1*	(6) *52.1*	(11) *54.0*	(5) *52.8*	Upper Alveolar Arch:				
Base, etc.:					Length	(21) 5.81	(4) 5.93	(11) 5.56	(4) 5.60
Basion-Alveolar Pt	(17) 10.68	(5) 10.68	(10) 10.08	(4) 10.08	Breadth	(21) 6.69	(4) 6.75	(11) 6.34	(4) 6.20
					Index	(21) *86.8*	(4) *87.8*	(11) *87.7*	(4) *90.3*

[1] Detailed measurements published in Amer. Journ. Phys. Anthrop., vol. 29, 1942.

SIBERIA: SAMOYED

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
974	Voienno-Med. Acad.	Yenisei			19.1	14.8	13.4	*77.49*	*79.06*		15.77			[1] 12.7	7.6
129 [2]	Leningrad Mus.	Northwest Asia			18.4	14.3	12.1	*77.72*	*74.01*		14.93				7.3
4339	Moscow Mus.	Archangelski Gub.	35		18.8	14.8	12.6	*78.72*	*76.0*		15.40				8.0
4348 [3]	do		Elderly		17.8	14.2	12.6	*79.78*	*73.75*		14.87				
50066	Leningrad Mus.	Archangelski Kraj.			17.7	14.2	13.1	*80.23*	*82.13*		15.00			[4] 11.9	7.3
4344	Moscow Mus.	Archangelski Gub.	35		17.3	14.2	13.0	*82.08*	*82.54*		14.83				7.3
4340	do	do	28		17.5	14.5	12.6	*82.86*	*78.76*		14.87			12.5	7.8
50062	Leningrad Mus.	Archangelski Kraj.			17.5	15.1	12.8	*86.29*	*78.53*		15.13				7.4
4346 [5]	Moscow Mus.	Archangelski Gub.	Elderly		17.4	15.4	12.9	*88.51*	*78.66*		15.23				[4] 7.5
Prov. No. S-1 [6]	Leningrad Mus.				17.1	15.2	12.5	*88.89*	*77.40*		14.93				
Specimens					(10)	(10)	(10)	(10)	(10)		(10)			(3)	(8)
Totals					178.6	146.7	127.6				150.96			37.10	60.20
Averages					17.86	14.67	12.76	*82.14*	*78.45*		16.00			12.37	7.53
Minima					17.1	14.2	12.1	*77.49*	*74.01*		14.83			11.9	7.3
Maxima					19.1	15.4	13.4	*88.89*	*82.54*		15.77			12.7	8.0

SAMOYED-YURAK

1344(shaman) [7]	Leningrad Mus.	Turnchanski Kraj.			19.9	16.2	12.5	*81.41*	*69.25*		16.20				

SIBERIA: SAMOYED—Continued

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
974	13.2	*96.21*	*57.58*	10.7	9.2	10.2	65.0	46.5	3.5	3.5	3.85	3.85	*90.91*	*90.91*	5.3	2.5	*47.17*	5.7	6.4	*89.06*
129 [2]	14.0	-------	*52.14*	10.1	8.8	9.8	66.0	49.0	3.2	3.2	3.55	3.55	*90.14*	*90.14*	5.15	2.65	*51.46*	5.5	7.0	*78.57*
4339	14.6	-------	*54.79*	10.3	9.4	10.6	69.0	58.0	3.6	3.65	4.05	3.95	*88.89*	*92.41*	6.0	3.05	*50.83*	5.4	7.1	*76.06*
4348 [3]	[4] 13.8	-------	-------	-------	8.6	9.0	-------	-------	3.15	3.35	4.0	3.9	*78.75*	*85.90*	4.8	2.9	*60.42*	-------	-------	-------
50066	14.2	*83.80*	*51.41*	9.2	8.4	9.7	71.0	60.0	3.4	3.4	3.8	3.7	*89.47*	*91.89*	5.4	2.3	*42.59*	5.0	6.4	*78.13*
4344	[4] 13.4	-------	*54.48*	9.5	8.5	9.5	67.5	56.0	3.4	3.3	3.8	3.7	*89.47*	*89.19*	5.2	2.7	*51.92*	5.3	6.5	*81.54*
4340	14.1	*88.65*	*55.32*	9.7	8.8	9.6	65.0	59.5	3.6	3.6	3.85	3.8	*93.51*	*94.74*	5.65	2.65	*46.90*	5.1	6.9	*73.91*
50062	13.5	-------	*54.81*	9.3	8.3	9.3	67.0	55.5	3.35	3.4	3.8	3.7	*88.16*	*91.89*	5.3	2.2	*41.51*	5.3	6.6	*80.30*
4346 [5]	14.6	-------	*51.37*	-------	8.2	9.4	-------	-------	3.65	3.5	4.0	4.0	*91.25*	*87.50*	5.2	2.55	*49.04*	-------	-------	-------
Prov. No. S–1 [6]	14.3	-------	-------	-------	8.8	9.8	-------	-------	3.35	3.4	3.9	3.9	*85.90*	*87.18*	4.9	2.5	*51.02*	-------	-------	-------
Specimens	(10)	(3)	(8)	(7)	(10)	(10)	(7)	(7)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(7)	(7)	(7)
Totals	139.7	-------	-------	68.80	87.0	96.9	470.5	384.5	34.20	34.30	38.60	38.05	-------	-------	52.90	26.0	-------	37.3	46.90	-------
Averages	13.97	*89.40*	*53.94*	9.83	8.7	9.69	67.21	54.93	3.42	3.43	3.86	3.81	*88.60*	*90.14*	5.29	2.60	*49.15*	5.33	6.70	*79.53*
Minima	13.2	*83.80*	*51.37*	9.2	8.2	9.0	65.0	46.5	3.15	3.2	3.55	3.55	*78.75*	*85.90*	4.8	2.2	*41.51*	5.0	6.4	*73.91*
Maxima	14.6	*96.21*	*57.58*	10.7	9.4	10.6	71.0	60.0	3.65	3.65	4.05	4.0	*93.51*	*94.74*	6.0	3.05	*60.42*	5.7	7.1	*89.06*

SAMOYED—YURAK

1344 (shaman) [7]	14.6	-------	-------	-------	-------	10.5	-------	-------	3.35	-------	4.2	-------	*79.76*	-------	-------	-------	-------	-------	-------	-------

[1] Allowance made for wear of teeth, where needed.
[2] Much like those from Yukagir Sopka.
[3] Both upper median incisors lost long ago.
[4] Near.
[5] Both right and left upper median incisors lost long ago.
[6] Much like an Aleut.
[7] Pronounced type.

SIBERIA: SAMOYED

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
50061	Leningrad Mus.	Archangelski Kraj			18.2	14.2	12.4	*78.02*	*76.54*		14.93				6.9
130 [1]	do	Northwest Asia			17.4	14.0	12.2	*80.46*	*77.71*		14.53			11.5	7.1
50065	do	Archangelski Kraj			17.2	14.1	11.8	*81.78*	*75.40*		14.37			11.3	7.0
50063	do	do			16.8	13.8	12.2	*82.14*	*79.74*		14.27			11.1	7.0
50061	do	do			17.2	14.2	13.0	*82.56*	*82.80*		14.80				7.1
4343 [2]	Moscow Mus.	do	Mid-aged		16.7	14.0	12.6	*83.83*	*82.08*		14.43				[3] 6.8
4342	do	do	25		16.6	14.0	12.2	*84.34*	*79.74*		14.27				7.1
976	Leningrad Mus.	Yenisei			17.2	15.0	12.8	*87.21*	*79.50*		15.00				6.8
Specimens					(8)	(8)	(8)	(8)	(8)		(8)			(3)	(8)
Totals					137.3	113.3	99.2				116.6			33.90	55.8
Averages					17.16	14.16	12.40	*82.52*	*79.17*		14.58			11.30	6.98
Minima					16.6	13.8	11.8	*78.02*	*75.40*		14.27			11.1	6.8
Maxima					18.2	15.0	13.0	*87.21*	*82.80*		15.0			11.5	7.1

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth max-im.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch-Index
50061	13.0		*53.08*	10.0	9.0	10.4	73.0	48.0	3.4	3.45	3.85	3.8	*88.31*	*90.79*	5.5	2.4	*43.64*			
1301	13.4	*85.82*	*52.99*	10.0	8.8	10.0	69.5	47.5	3.5	3.4	3.9	3.7	*89.74*	*91.89*	5.3	2.55	*48.11*	5.4	6.4	*84.88*
50065	12.5	*90.40*	*56.0*	9.3	8.3	9.0	65.0	55.0	3.4	3.55	3.8	3.6	*89.47*	*98.61*	5.0	1.95	*39.0*	4.8	5.7	*84.21*
54063	13.1	*84.73*	*53.44*	10.1	9.0	9.8	67.0	51.0	3.25	3.3	3.7	3.6	*87.84*	*91.67*	5.1	2.3	*45.10*	5.1	5.9	*86.44*
50064	13.3	------	*53.88*	9.8	8.8	9.8	68.5	50.0	3.55	3.55	3.8	3.8	*93.48*	*93.42*	5.5	2.8	*50.91*	5.0	6.3	*79.37*
4343 [2]	13.2	------	*51.52*	------	8.9	9.9	------	------	3.1	3.0	3.7	3.65	*83.78*	*82.19*	5.1	2.65	*51.96*	[3] 5.2	6.3	*82.54*
4342	13.1	------	*54.20*	------	8.3	9.6	70.5	57.5	3.35	3.45	3.7	3.7	*90.54*	*93.24*	5.1	2.45	*48.04*	5.0	6.5	*76.92*
976	13.0	------	*52.31*	9.3	8.1	9.2	67.5	51.0	3.4	3.4	3.9	3.8	*87.18*	*89.47*	4.75	2.2	*46.32*	5.1	5.9	*86.44*
Specimens	(8)	(3)	(8)	(7)	(8)	(8)	(7)	(7)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(7)	(7)	(7)
Totals	104.6	------	*53.35*	67.70	69.20	77.7	481.0	360.0	25.95	27.10	30.35	29.65	------	------	41.35	19.30	------	35.60	43.0	------
Averages	13.08	*86.92*	*53.35*	9.67	8.65	9.71	68.71	51.43	3.37	3.39	3.79	3.71	*88.80*	*91.40*	5.17	2.41	*46.67*	5.09	6.14	*82.79*
Minima	12.5	*84.73*	*51.52*	9.2	8.1	9.0	65.0	47.50	3.1	3.0	3.7	3.6	*83.78*	*82.19*	4.75	1.95	*39.0*	4.8	5.7	*76.92*
Maxima	13.4	*90.40*	*56.0*	10.1	9.0	10.4	73.0	57.5	3.55	3.55	3.9	3.8	*93.48*	*98.61*	5.5	2.8	*51.96*	5.4	6.5	*86.44*

[1] Much like those from Yukagir Sopka.
[2] Both upper median incisors lost long ago.
[3] Near.

SIBERIA: OSTIAK

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
6913 [2]	Moscow Mus.	Little Ob River	Elderly		19.7	13.4	13.1	*68.02*	*79.15*	*97.76*	15.40				7.4
7027	do	do	35		20.0	14.0	12.9	*70.0*	*75.88*	*92.14*	15.63				7.7
7063 [3]	do	do	Elderly		19.6	14.0	14.0	*71.43*	*83.33*	*100.0*	15.87				8.1
7093	do	do	do		19.7	14.5	13.5	*73.60*	*78.95*	*93.10*	15.90				7.2
7087	do	do	25		18.2	13.4	12.4	*73.63*	*78.48*	*92.54*	14.67				7.2
134 [4]	Leningrad Mus.	Kornyinski			18.4	13.7	12.4	*74.46*	*77.26*	*90.51*	14.83			11.5	[5] 6.4
6892 [6]	Moscow Mus.	Little Ob River	Mid-aged		19.5	14.6	13.1	*74.87*	*76.83*	*98.73*	15.73				8.2
7088	do	do	Elderly		19.1	14.3	13.4	*74.87*	*80.23*	*93.71*	15.60				7.9
7153	do	do	40		18.3	13.8	12.4	*75.41*	*77.26*	*89.86*	14.83			13.0	7.9
7004	do	do	30		20.0	15.1	12.9	*75.50*	*73.50*	*85.43*	16.00			12.9	7.8
6980	do	do	Elderly		18.8	14.2	12.3	*75.53*	*74.55*	*86.62*	15.10			12.2	7.1
7141	do	do	40		18.8	14.2	12.8	*75.53*	*77.58*	*90.14*	15.27			11.9	7.1
6927	do	do	Elderly		19.4	14.7	12.3	*75.77*	*72.14*	*83.67*	15.47				7.8
6992	do	do	Old		19.0	14.4	13.0	*75.79*	*77.84*	*90.28*	15.47			13.2	7.8
7112	do	do	40		19.0	14.4	12.4	*75.79*	*74.25*	*86.11*	15.27				7.0
7066 [7]	do	do	Elderly		18.7	14.2	12.8	*75.84*	*77.81*	*90.14*	15.23				
7092	do	do	do		18.4	[5] 14.0	12.8	*76.09*	*79.01*	*91.43*	15.07				7.4
6944	do	do	do		18.0	13.7	12.6	*76.11*	*79.50*	*91.97*	14.77				7.6
6959 [8]	do	do	Mid-aged		19.7	15.0	13.2	*76.14*	*76.08*	*88.0*	15.97				8.2
7083	do	do	40		18.5	[5] 14.2	13.2	*76.76*	*80.73*	*92.96*	15.30				7.1
7101 [9]	do	do	24		18.2	14.0	12.5	*76.92*	*77.64*	*89.29*	14.90				7.6
7129	do	do	30		18.2	14.0	13.3	*76.92*	*82.61*	*95.0*	15.17				7.9
7125	do	do	Mid-aged		17.8	13.7	12.3	*76.97*	*78.10*	*89.78*	14.60			12.6	7.6
7017	do	do	do		18.7	14.4	12.6	*77.01*	*76.13*	*87.50*	15.23				8.2
7205	do	do	35		17.9	13.8	13.2	*77.09*	*83.28*	*95.65*	14.97				7.4
51914 [10]	Leningrad Mus.	do			18.4	14.2	12.6	*77.17*	*77.30*	*88.73*	15.07				7.0
7078	Moscow Mus.	do	40		19.3	14.9	13.8	*77.20*	*80.70*	*92.62*	16.00				8.2
7173	do	do	35		18.0	13.9	12.4	*77.22*	*77.74*	*89.21*	14.77				7.9
6932	do	do	Old		18.6	14.4	12.6	*77.42*	*76.36*	*87.50*	15.20				7.5
6910	Moscow Mus.	do	Elderly		17.8	13.8	12.8	*77.53*	*81.01*	*92.75*	14.80				8.0
7062	do	do	Mid-aged		17.8	13.8	13.7	*77.53*	*86.71*	*99.28*	15.10				7.7
7086	do	do	do		18.4	14.3	12.3	*77.72*	*75.23*	*86.01*	15.00			12.3	7.6
7134 [11]	do	do	35		18.4	14.3	12.7	*77.72*	*77.68*	*88.81*	15.13				7.9
7174	do	do	Elderly		19.3	15.0	12.9	*77.72*	*75.22*	*86.0*	15.73				7.8
6946	do	do	do		18.5	14.4	12.2	*77.84*	*74.16*	*84.73*	15.03				7.3
7118	do	do	do		17.7	13.8	12.7	*77.97*	*80.63*	*92.03*	14.73			12.0	7.3

7055	do	do	Mid-aged		18.2	14.2	12.2	78.02	75.51	85.92	14.87				7.7
7079	do	do	40		18.2	14.2	12.3	78.02	75.93	86.62	14.90			12.6	7.8
7095	do	do	Mid-aged		18.2	14.2	12.6	78.02	77.78	88.73	15.00				7.7
7096 [12]	do	do	do		18.2	14.2	12.6	78.02	77.78	88.73	15.00				7.5
7195	do	do	do		19.2	15.0	13.6	78.18	79.63	90.67	15.93				7.9
51903	Leningrad Mus	do			18.9	14.8	13.6	78.31	80.71	91.89	15.77				
136 [13]	do	do	Elderly		19.4	15.2	14.1	78.35	86.88	92.76	16.23				[5] 7.0
6874	Moscow Mus	do	Old		18.7	14.7	13.0	78.61	77.84	88.44	15.47				7.8
6914	do	do	40		18.4	14.5	12.9	78.80	78.42	88.97	15.27				8.1
7186 [14]	do	do	35		18.0	14.2	12.4	78.89	77.02	87.32	14.87				7.2
6976	do	do	40		19.0	15.0	11.8	78.95	69.41	78.67	15.27				7.5
7107	do	do	30		18.2	14.4	12.8	79.12	78.53	88.89	15.13				6.9
6877	do	do	30		18.7	14.8	12.9	79.14	77.01	87.16	15.47				7.5
6897	do	do	Mid-aged		18.8	14.9	12.9	79.26	76.56	86.58	15.53				7.9
6875 [15]	do	do	70		18.4	14.7	13.4	79.89	80.97	91.16	15.50				
7132 [16]	do	do	Elderly		18.4	14.7	14.5	79.89	87.61	98.63	15.87				
7156	do	do	Mid-aged		18.4	14.7	12.8	79.89	77.54	87.07	15.30				8.4
7194 [17]	do	do	Elderly		18.9	15.1	12.8	79.89	76.20	84.77	15.60				[5] 7.3
55521	Leningrad Mus	do			18.0	14.4	12.7	80.0	78.40	88.19	15.03				7.7
7177	Moscow Mus	do	40		18.0	14.4	11.8	80.0	72.84	81.94	14.73			11.6	7.2
7090	do	do	35		18.1	14.5	13.2	80.11	80.98	91.03	15.27				
7161 [18]	do	do	50		18.2	14.6	13.1	80.22	79.88	89.73	15.30				7.2
6953 [19]	do	do	Elderly		18.8	15.1	13.2	80.32	74.28	87.42	15.70				7.9
7199	Moscow Mus	do	Elderly		17.8	14.3	12.4	80.34	77.26	86.71	14.83				7.7
6947	do	do	35		18.4	14.8	12.6	80.43	75.90	85.14	15.27				7.4
6894	do	do	Mid-aged		18.4	14.8	12.6	80.43	75.90	85.14	15.27				7.5
6958 [20]	do	do	do		17.9	14.4	12.9	80.45	79.88	89.58	15.07				
7147 [21]	do	do	35		17.9	14.4	11.8	80.45	73.07	81.94	14.70			11.6	7.1
6963 [22]	do	do	19		17.5	14.1	12.8	80.57	81.01	90.78	14.80			11.2	7.1
7117	do	do	Mid-aged		18.6	15.0	12.1	80.65	72.02	80.67	15.23				7.8
7182 [23]	do	do	30		17.1	13.8	13.0	80.70	84.14	94.20	14.63			12.2	7.5
7041 [24]	do	do	Mid-aged		18.3	14.8	13.0	80.87	78.55	87.84	15.37				7.9
7122	do	do	30		18.4	14.9	13.5	80.98	81.08	90.60	15.60				7.4
966	Leningrad Mus	Sčekuri River			18.0	14.6	12.4	81.11	76.07	84.93	15.00			11.8	7.0
965	do	do			17.6	14.3	12.5	81.25	78.37	87.41	14.80				7.1
6981	Moscow Mus	Little Ob River	30		18.9	15.4	13.7	81.48	79.88	88.96	16.00				7.5
7124	do	do	Mid-aged		18.4	15.0	12.6	81.52	75.45	84.00	15.33				7.7
7039 [25]	do	do	45		18.6	15.2	13.0	81.72	81.25	85.53	15.60				7.5
7104	do	do	Elderly		18.2	14.9	12.8	81.87	77.34	85.91	15.30				8.0
6891	do	do	35		18.2	15.0	13.0	82.42	78.31	86.67	15.40				7.6
7126	do	do	40		17.4	14.4	13.6	82.76	85.53	94.44	15.13				7.2
7156	do	do	60		18.0	14.9	12.9	82.78	78.42	86.58	15.27				7.2
7127	do	do	40		17.6	14.6	13.7	82.95	85.09	93.84	15.30			12.0	7.0
7176 [26]	do	do	Mid-aged		17.6	14.6	13.0	82.95	80.75	89.04	15.07			11.9	7.0
7209 [27]	do	do	40		17.7	14.7	13.7	83.05	84.57	93.20	15.37				7.6
7119 [28]	do	do	30		18.3	15.2	13.0	83.06	77.61	85.53	15.50				7.7
6938	do	do	Elderly		18.2	15.2	13.1	83.52	78.44	86.18	15.50				7.8
7211	do	do	Mid-aged		17.1	14.3	13.2	83.63	84.08	92.31	14.87				8.2
2733	Leningrad Mus	Ket River			17.8	14.9	12.6	83.71	77.06	84.66	15.10				
7006	Moscow Mus	Little Ob River	26		18.6	15.6	12.8	83.87	74.85	82.05	15.67				8.0
7046	do	do	40		18.0	15.1	13.3	83.89	80.36	88.08	15.47				7.8
6898	do	do	25		17.6	14.8	12.6	84.09	77.78	85.14	15.00			12.4	7.5
6899	do	do	50		17.6	14.8	13.2	84.09	81.48	89.19	15.23				7.8

See footnotes at end of table.

SIBERIA: OSTIAK—Continued

MALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Ilrdlicka's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
7154 [29]	Moscow Mus	Little Ob River	40		17.2	14.6	12.4	*84.88*	*77.99*	*84.93*	14.73				
7037 [30]	do	do	Mid. aged		17.4	14.8	12.0	*85.06*	*74.53*	*81.08*	14.73			12.0	[5]7.3
7164 [31]	do	do	do		17.6	15.0	12.4	*85.23*	*76.07*	*82.67*	15.00				7.8
6998	do	do	40		17.3	14.8	12.8	*85.55*	*79.75*	*86.49*	14.97			12.4	7.7
6896	do	do	Mid-aged		18.2	15.6	12.9	*85.71*	*76.33*	*82.69*	15.57				8.4
7183	do	do	35		17.3	14.9	12.6	*86.13*	*78.26*	*84.56*	14.93				7.5
7059	do	do	Mid-aged		17.8	15.4	12.6	*86.52*	*75.90*	*81.82*	15.27				7.7
7036	do	do	Old		17.0	14.9	11.0	*87.65*	*68.97*	*73.83*	14.30				
7139	do	do	30		17.3	15.2	12.8	*87.86*	*78.77*	*84.21*	15.10				7.1
7061	do	do	Mid-aged		17.2	15.4	12.8	*89.53*	*78.53*	*83.12*	15.13				7.6
Specimens					(99)	(99)	(99)	(99)	(99)	(99)	(99)			(20)	(90)
Totals					1813.1	1414.2	1271.0				1,508.23			243.30	681.9
Averages					18.31	14.28	12.84	*78.00*	*78.77*	*89.87*	15.16			12.17	7.57
Minima					17.0	13.4	11.0	*68.02*	*68.97*	*73.83*	14.30			11.2	6.4
Maxima					20.0	15.6	14.1	*89.53*	*86.88*	*100.00*	16.23			13.2	8.4
OSTIAK-SAMOYED															
1340 [32]	Leningrad Mus	Surnshanski Kraj			17.8	15.3	12.1	*85.96*	*73.11*		15.07			12.7	7.7
DOLGAN															
46144 [33]	Leningrad Mus	Northern Yenisei			17.9	14.8	12.7	*83.68*	*77.68*		15.13			12.2	7.3

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
6913 [3]	14.3	-------	*51.74*	10.4	9.2	10.2	67.5	50.5	3.5	3.6	4.1	4.1	*85.37*	*87.80*	5.35	2.85	*53.27*	5.3	6.7	*79.10*
7027	14.2	-------	*54.23*	10.3	9.0	10.4	69.0	50.0	3.6	3.65	4.1	4.1	*87.80*	*89.02*	5.6	2.9	*51.79*	5.6	7.4	*75.68*
7063 [3]	15.2	-------	*53.29*	11.1	10.0	11.0	68.0	54.5	4.0	4.0	4.2	4.15	*95.24*	*96.39*	6.0	2.5	*41.67*	6.0	7.0	*85.71*
7093	13.8	-------	*52.17*	11.1	10.0	10.6	67.0	54.0	3.3	3.25	3.8	3.8	*86.84*	*85.53*	5.2	2.6	*50.0*	5.8	7.1	*81.69*
7087	13.3	-------	*54.14*	9.8	8.8	9.8	68.5	54.0	3.5	3.5	3.7	3.8	*94.59*	*92.11*	5.3	2.25	*42.45*	5.4	6.5	*83.08*
134 [4]	13.5	*85.19*	*47.41*	[5]10.0	8.8	9.8	69.5	44.0	3.3	3.3	3.95	4.0	*83.54*	*82.50*	4.8	2.4	*50.00*	-------	-------	-------
6892 [6]	13.9	-------	*58.99*	10.8	9.4	10.0	61.5	51.5	3.1	3.2	3.6	3.5	*86.11*	*91.43*	5.6	2.4	*42.86*	6.0	[5]6.8	*88.24*
7088	14.6	-------	*54.11*	10.7	9.7	10.5	67.0	57.0	3.75	3.75	4.2	4.1	*89.29*	*91.46*	5.65	2.35	*41.59*	5.7	6.8	*83.82*
7153	13.5	*96.30*	*58.52*	10.4	9.2	10.2	66.0	50.5	3.35	3.5	4.0	3.85	*83.75*	*90.91*	5.9	2.7	*45.76*	5.6	6.1	*91.80*
7004	14.9	*86.58*	*52.35*	10.7	9.8	11.2	72.5	61.5	3.9	3.9	4.3	4.3	*90.70*	*90.70*	5.45	2.55	*46.79*	5.7	6.9	*82.61*
6980	13.9	*87.77*	*50.43*	10.1	8.8	9.6	65.0	50.0	3.4	3.55	4.35	4.3	*78.16*	*82.56*	4.9	2.5	*51.02*	5.5	[5]6.4	*85.94*
7141	14.3	*83.22*	*49.02*	10.2	9.2	9.8	66.5	54.0	3.15	3.35	4.0	3.9	*78.75*	*85.90*	5.2	2.3	*44.23*	5.4	6.5	*83.08*
6927	15.1	-------	*51.66*	11.0	9.6	10.2	63.0	46.0	3.5	3.5	4.05	4.0	*86.42*	*87.50*	5.7	3.0	*52.63*	6.0	7.4	*81.08*
6992	14.6	*90.41*	*53.42*	10.3	9.3	10.6	70.0	56.5	4.0	3.95	4.2	4.2	*95.23*	*94.05*	5.7	2.9	*50.88*	5.5	7.0	*78.58*
7112	13.6	-------	*51.47*	11.2	10.0	10.3	64.0	46.5	3.35	3.4	4.1	3.95	*81.70*	*86.08*	5.25	2.8	*53.33*	6.0	6.7	*89.55*
7066 [7]	14.2	-------	-------	-------	-------	10.0	-------	-------	3.8	3.75	4.8	4.3	*79.17*	*87.21*	5.0	2.65	*53.0*	-------	-------	-------
7092	[5]13.3	-------	*55.64*	12.1	10.4	10.6	60.0	39.0	3.5	-------	4.1	-------	*85.37*	-------	5.3	2.85	*53.77*	6.6	6.5	*101.54*
6944	14.0	-------	*54.29*	10.7	9.8	10.3	66.0	63.0	3.6	3.5	4.0	4.1	*90.00*	*85.37*	5.0	2.65	*53.0*	5.6	7.0	*80.0*
6959 [8]	14.3	-------	*57.34*	11.2	10.0	10.3	61.5	57.0	3.45	3.4	3.9	3.9	*88.46*	*87.18*	5.5	2.6	*47.27*	6.2	7.0	*88.57*
7083	[5]14.1	-------	*50.35*	10.2	9.4	10.2	70.0	54.0	3.55	3.5	4.0	4.0	*88.75*	*87.50*	5.6	2.5	*44.64*	5.7	6.6	*86.36*
7101 [9]	14.0	-------	*54.29*	10.5	9.5	10.3	67.0	58.0	3.2	3.3	4.1	4.1	*78.05*	*80.49*	5.35	2.6	*48.33*	5.6	6.4	*87.50*
7129	14.0	-------	*56.43*	11.2	9.8	10.8	66.0	50.5	3.7	3.7	3.75	3.75	*98.67*	*98.67*	5.5	2.35	*42.73*	6.0	6.3	*95.24*
7125	13.3	*94.74*	*57.14*	9.4	8.3	9.8	69.5	52.0	3.1	3.55	4.1	4.05	*75.61*	*87.65*	5.7	2.3	*40.35*	5.4	6.3	*85.71*
7017	14.5	-------	*56.55*	10.9	10.0	10.6	65.5	63.0	3.6	3.55	4.1	4.1	*87.80*	*86.59*	5.5	2.75	*50.0*	6.0	6.6	*90.91*
7205	13.4	-------	*55.22*	10.6	9.4	10.1	65.5	54.0	3.6	3.6	4.05	3.9	*88.89*	*92.31*	5.05	2.2	*43.56*	5.5	7.1	*77.46*
51914 [10]	13.6	-------	*51.47*	9.9	8.9	10.0	70.0	52.5	3.3	3.25	3.75	3.65	*88.00*	*89.04*	5.25	2.35	*44.76*	5.0	6.3	*79.37*
7078	14.6	-------	*56.16*	10.5	9.6	10.7	68.5	62.5	3.4	3.4	4.0	4.0	*85.0*	*85.0*	5.5	2.35	*42.73*	5.5	[5]6.5	*84.62*
7173	[5]13.4	-------	*58.96*	9.6	8.4	9.9	68.0	54.0	3.65	3.6	3.9	3.85	*93.59*	*93.51*	5.5	2.3	*41.82*	5.4	6.3	*85.71*
6932	14.5	-------	*51.72*	10.6	9.5	10.4	67.5	58.0	3.4	3.45	4.2	4.3	*89.95*	*80.23*	5.0	2.5	*50.0*	5.8	6.1	*95.08*
6910	13.3	-------	*60.15*	10.4	9.4	10.6	69.0	60.0	3.5	3.7	4.2	3.9	*85.33*	*94.87*	5.45	2.8	*51.38*	5.5	6.1	*90.16*
7062	13.5	-------	*57.04*	10.7	9.1	10.0	63.0	46.0	3.55	3.6	4.0	3.9	*88.75*	*92.31*	5.25	2.3	*43.81*	6.1	6.3	*96.83*
7086	14.2	*86.62*	*53.52*	10.0	9.0	10.0	67.5	56.0	3.85	3.9	4.15	3.95	*92.77*	*98.73*	5.45	2.4	*44.04*	5.6	6.7	*83.58*
7134 [11]	13.7	-------	*57.66*	11.1	9.5	10.4	63.5	47.5	3.55	3.6	4.0	3.9	*88.75*	*92.31*	5.4	2.8	*51.85*	6.1	7.2	*84.72*
7174	14.7	-------	*53.06*	11.1	10.0	11.2	70.0	54.5	3.3	3.25	3.95	4.05	*83.54*	*80.25*	5.7	2.85	*50.00*	5.9	7.2	*81.94*
6946	14.1	-------	*51.77*	10.7	9.7	10.2	66.0	55.0	3.75	3.75	4.1	4.1	*91.46*	*91.46*	5.3	2.6	*49.06*	5.7	6.7	*85.07*
7118	13.3	*90.23*	*54.89*	10.5	9.2	10.1	66.5	48.5	3.6	3.6	3.9	3.9	*92.31*	*92.31*	5.25	2.45	*46.67*	5.6	6.1	*91.80*
7055	14.0	-------	*55.00*	9.5	8.5	9.8	68.5	56.0	3.6	3.6	4.1	4.0	*87.80*	*90.00*	5.6	2.4	*42.86*	5.5	[5]6.4	*85.94*
7079	13.9	*90.65*	*56.12*	10.2	9.1	10.0	65.5	54.5	3.85	3.95	4.3	4.1	*89.53*	*96.34*	5.55	2.8	*50.45*	5.6	6.6	*84.85*
7095	13.9	-------	*55.40*	10.8	9.8	10.4	65.5	56.0	3.75	3.85	4.4	4.2	*85.23*	*91.67*	5.6	2.3	*41.07*	5.7	6.5	*87.69*
7096 [12]	13.9	-------	*53.96*	-------	9.3	10.2	-------	-------	3.7	-------	4.0	-------	*92.50*	-------	5.45	2.3	*42.20*	[5]5.2	6.6	*78.79*

See footnotes at end of table.

SIBERIA: OSTIAK—Continued

MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maximum	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Xpper Alveolar Arch—Index
7195	14.4	------	*54.86*	10.2	9.4	10.8	72.0	62.0	3.8	3.75	3.9	3.9	*97.44*	*96.15*	5.8	2.6	*44.83*	5.5	6.5	*84.62*
51903	14.5	------	------	------	------	10.6	------	------	3.4	3.4	4.2	4.0	*80.95*	*85.00*	5.6	2.7	*48.21*	------	------	------
136 [13]	14.9	------	*46.98*	------	9.4	10.2	------	------	3.35	3.35	4.3	4.2	*77.91*	*79.76*	5.2	2.9	*55.77*	------	------	------
6874	14.2	------	*54.93*	10.3	9.3	10.4	68.5	57.5	3.45	3.55	3.95	3.9	*87.34*	*91.03*	5.6	2.6	*46.43*	5.6	6.5	*86.15*
6914	14.7	------	*55.10*	10.7	9.5	10.6	67.0	55.0	3.55	3.65	4.2	4.2	*84.52*	*86.90*	5.7	2.7	*47.37*	5.7	7.3	*78.08*
7186 [14]	13.6	------	*52.94*	9.3	8.0	9.0	64.5	48.0	3.5	3.5	3.8	3.8	*92.11*	*92.11*	5.1	2.3	*45.10*	5.3	6.5	*81.54*
6976	14.0	------	*53.57*	10.7	9.5	10.2	65.5	48.5	3.2	3.35	3.85	4.0	*83.12*	*83.75*	5.6	2.3	*41.07*	5.7	6.5	*87.69*
7107	[1]3.9	------	*49.64*	9.5	8.6	10.0	73.0	55.5	3.4	3.4	3.9	3.8	*87.18*	*89.47*	5.2	[5]2.5	*48.08*	5.4	6.3	*85.71*
6877	13.9	------	*53.96*	10.1	9.4	10.8	74.0	64.0	3.2	3.3	3.9	3.8	*82.05*	*86.84*	5.6	2.65	*47.32*	5.5	6.8	*80.88*
6897	[1]5.0	------	*52.67*	10.1	8.9	10.2	67.5	53.5	3.6	3.6	3.8	4.0	*94.74*	*90.00*	5.6	2.55	*45.54*	5.6	[5]6.5	*86.15*
6875 [15]	14.4	------	------	------	9.4	10.6	------	------	3.45	3.45	3.9	3.9	*88.46*	*88.46*	5.0	2.3	*46.00*	------	------	------
7132 [16]	14.1	------	------	------	9.9	11.0	------	------	3.6	3.55	4.0	3.9	*90.00*	*91.03*	5.4	2.7	*50.00*	------	------	------
7156	14.7	------	*57.14*	10.2	9.0	10.2	65.5	55.5	3.8	3.8	4.0	3.9	*95.00*	*97.44*	5.85	2.65	*45.30*	5.5	6.7	*82.09*
7194 [17]	14.7	------	*49.66*	------	10.3	10.7	------	------	3.3	3.4	4.0	4.0	*82.50*	*85.00*	5.2	2.4	*46.15*	[5]5.8	6.8	*85.29*
55521	[1]3.1	------	*58.78*	9.8	8.8	10.1	69.0	57.0	3.5	3.4	4.2	4.1	*83.33*	*82.93*	5.45	2.45	*44.95*	------	------	------
7177	14.1	*82.27*	*51.06*	10.8	9.8	10.0	64.0	55.0	3.3	3.4	3.95	3.8	*83.54*	*89.47*	5.2	2.4	*46.15*	5.7	6.5	*87.69*
7090	------	------	------	------	9.2	10.2	------	------	2.7	------	4.1	------	*65.85*	------	5.0	2.3	*46.00*	------	------	------
7161 [18]	14.4	------	*50.00*	10.3	9.2	10.1	68.0	53.5	3.55	3.65	4.2	4.15	*84.52*	*87.95*	5.1	2.3	*45.10*	5.5	6.7	*82.09*
6953 [19]	14.4	------	*54.86*	10.9	9.8	10.4	65.0	55.5	3.3	3.35	3.9	3.9	*84.62*	*85.90*	5.65	2.65	*46.90*	6.1	7.3	*83.56*
7199	13.2	------	*58.33*	9.9	8.8	9.7	65.5	56.0	3.3	3.25	3.7	3.7	*89.19*	*87.84*	5.35	2.4	*44.86*	5.2	6.2	*83.87*
6947	14.7	------	*50.34*	10.7	9.6	10.4	67.0	53.0	3.45	3.4	4.2	4.1	*82.86*	*82.93*	5.35	2.6	*48.60*	5.9	7.4	*79.73*
6894	13.7	------	*54.74*	9.9	8.8	9.8	67.0	53.5	3.5	3.6	4.0	3.9	*87.50*	*92.31*	5.45	2.75	*50.46*	5.5	[5]5.9	*93.22*
6958 [20]	14.3	------	------	------	------	10.2	------	------	3.3	3.4	4.2	4.1	*78.57*	*82.93*	------	------	------	------	------	------
7147 [21]	13.8	*84.06*	*51.45*	10.1	9.4	9.8	67.0	54.0	3.65	3.75	3.85	3.8	*94.81*	*98.68*	5.7	2.75	*48.25*	5.4	6.7	*80.60*
6963 [22]	13.2	*84.85*	*53.79*	9.5	8.7	9.8	71.0	60.5	3.55	3.5	3.85	3.65	*92.21*	*95.89*	5.1	2.6	*50.98*	5.3	6.9	*76.81*
7117	14.0	------	*55.71*	10.8	9.2	9.8	61.0	39.0	3.7	3.7	4.25	4.1	*87.06*	*90.24*	5.6	2.5	*44.64*	6.0	6.6	*90.91*
7182 [23]	13.6	*89.71*	*55.15*	10.5	9.4	10.2	66.5	56.5	3.5	3.8	4.0	3.9	*87.50*	*97.44*	5.15	2.6	*50.49*	5.7	6.7	*86.36*
7041 [24]	14.9	------	*53.02*	11.4	10.1	10.8	65.0	53.0	3.45	3.55	4.3	4.2	*80.23*	*84.52*	5.5	2.6	*47.27*	5.9	6.8	*86.76*
7122	14.6	------	*50.68*	10.2	9.2	10.4	70.5	56.0	3.5	3.4	3.9	3.8	*89.74*	*89.47*	5.4	2.5	*46.80*	5.6	6.3	*88.89*
966	13.1	*90.08*	*53.44*	10.5	8.9	9.8	64.5	37.5	3.4	3.45	3.8	3.7	*89.47*	*93.24*	5.2	2.4	*46.15*	5.6	6.3	*88.89*
965	14.1	------	*50.35*	10.2	8.8	9.8	66.0	42.5	3.2	3.4	3.7	3.6	*86.49*	*94.44*	5.25	2.65	*50.48*	------	------	------
6981	14.3	------	*52.45*	10.1	9.2	10.6	72.0	60.0	3.55	3.45	4.0	3.9	*88.75*	*88.46*	5.2	2.4	*46.15*	5.4	6.6	*81.82*
7124	14.9	------	*51.67*	11.6	10.1	10.6	63.0	45.5	3.5	3.4	4.4	4.2	*79.55*	*80.95*	5.5	2.8	*50.91*	6.3	6.9	*91.30*
7039 [25]	14.4	------	*52.08*	10.7	9.6	10.5	68.0	53.0	3.55	3.55	3.85	3.85	*92.21*	*92.20*	5.5	2.75	*50.00*	5.6	6.9	*81.16*
7104	14.1	------	*56.74*	10.5	9.4	10.2	65.0	58.0	3.4	3.5	3.7	3.6	*91.89*	*97.22*	5.55	2.5	*45.05*	5.6	6.2	*90.32*
6891	14.2	------	*53.52*	10.8	9.7	10.0	63.0	55.0	3.2	3.3	3.95	3.8	*81.01*	*88.84*	5.4	2.8	*51.85*	6.2	7.0	*88.57*
7126	13.9	------	*51.80*	10.8	9.6	10.4	67.5	53.5	3.35	3.3	4.1	3.95	*81.71*	*83.54*	5.0	2.6	*52.00*	6.2	7.0	*88.57*
7156	14.3	------	*50.35*	10.2	9.0	9.9	67.0	50.0	3.55	3.5	4.0	3.95	*88.75*	*88.61*	5.2	2.6	*50.00*	5.6	6.8	*82.35*
7127	14.2	*84.51*	*49.30*	10.0	8.8	9.8	67.5	49.0	3.15	3.2	3.9	3.8	*80.77*	*84.21*	5.05	3.05	*60.40*	5.5	6.5	*84.62*
7176 [26]	13.9	*85.61*	*50.36*	10.2	9.1	10.2	70.0	53.0	3.2	3.25	4.0	3.9	*80.00*	*83.54*	5.0	2.4	*48.00*	5.7	6.8	*83.82*
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.45	3.3	4.0	3.8	*86.25*	*86.84*	5.3	2.3	*43.40*	6.1	6.5	*93.85*

7119 [28]	13.9		*55.40*	10.8	9.6	10.7	68.5	49.5	3.65	3.75	4.1	4.0	*89.02*	*93.75*	5.85	2.65	*45.30*	5.5	6.5	*84.62*
6938	14.7		*53.06*	10.7	9.4	10.4	66.0	49.0	3.65	3.65	4.2	4.0	*86.90*	*91.25*	5.7	2.5	*43.86*	5.9	7.1	*83.10*
7211	14.2		*57.75*	[5]10.8	9.4	10.0	61.5	51.5	3.3	3.3	3.9	3.8	*84.62*	*86.84*	5.6	2.5	*44.64*	5.9	6.4	*93.75*
2733	14.1				8.8	9.9				3.5		3.8		*92.11*	5.55	2.8	*50.45*	5.2	6.5	*80.00*
7006	14.2		*56.34*	11.3	10.4	10.6	64.0	62.0	3.55	3.55	4.1	3.9	*86.59*	*91.03*	5.6	2.35	*41.96*	5.8	6.9	*84.06*
7046	14.1		*55.32*	10.0	8.8	10.2	68.5	53.5	3.8	3.7	4.1	4.1	*92.68*	*90.24*	5.5	2.8	*50.91*	5.4	6.6	*81.82*
6898	13.4	*92.54*	*55.97*	10.1	9.1	10.1	68.5	55.0	3.6	3.65	3.6	3.6	*102.00*	*101.38*	5.5	2.4	*43.64*	5.6	6.4	*87.50*
6899	13.9		*56.12*	10.6	9.4	10.0	64.0	55.5	3.5	3.45	4.0	3.9	*87.50*	*83.48*	5.3	2.6	*49.06*	5.9	7.1	*83.10*
7154 [29]	14.2				9.3	10.0			3.4	3.4	3.85	3.75	*88.31*	*90.67*	5.2	2.5	*48.08*	[5]5.6	6.8	*82.35*
7037 [30]	13.5	*88.89*	*54.07*	[5]9.5	8.6	9.6	68.0	57.0	3.5	3.4	3.75	3.65	*93.33*	*93.15*	5.3	2.5	*47.17*	5.1	6.2	*82.26*
7164 [31]	14.6		*53.42*	10.4	9.4	10.4	68.0	58.0	3.5	3.5	3.9	3.9	*89.74*	*89.74*	5.5	2.5	*45.45*	5.7	6.7	*85.07*
6998	14.3	*86.71*	*53.85*	10.3	9.2	9.7	63.5	57.0	3.55	3.45	4.1	4.0	*86.59*	*86.25*	5.25	2.3	*43.81*	5.9	7.0	*84.29*
6896	14.7		*57.14*	10.3	9.2	10.4	66.5	57.0	3.7	3.7	3.85	3.7	*98.10*	*100.00*	6.0	2.7	*45.00*	5.3	6.6	*80.30*
7183	14.3		*52.45*	10.0	9.0	9.9	67.0	55.0	3.65	3.8	4.0	[5]3.9	*91.25*	*97.44*	5.5	2.35	*42.73*	5.3	6.0	*88.33*
7059	14.1		*54.61*	10.2	9.0	9.6	63.0	55.0	3.5	3.5	3.75	3.7	*93.33*	*94.59*	5.15	2.55	*49.51*	5.6	6.7	*83.58*
7036	14.2				7.8	9.0			3.4	3.25	4.0	3.9	*85.00*	*85.90*	5.5	2.7	*49.09*			
7139	14.5		*48.97*	10.3	9.4	10.1	68.0	57.0	3.45	3.45	3.9	3.9	*88.46*	*88.46*	5.28	2.5	*47.62*	5.5	6.8	*80.88*
7061	14.3		*53.15*	9.6	8.5	9.6	67.0	54.0	3.5	3.4	3.8	3.7	*92.11*	*91.89*	5.4	2.2	*40.74*	5.2	6.9	*75.36*
Specimens	(98)	(20)	(90)	(87)	(96)	(99)	(87)	(87)	(98)	(95)	(98)	(96)	(98)	(96)	(93)	(98)	*(98)*	(88)	(88)	(88)
Totals	1382.301			905.50	892.90	1010.3	5,810.0	4,670.5	342.10	338.05	393.10	377.80			529.60	249.85		497.90	585.80	
Averages	14.11	*87.99*	*53.80*	10.41	9.30	10.21	66.78	53.68	3.49	3.52	4.01	3.94	*87.03*	*83.93*	5.40	2.57	*47.18*	5.66	6.66	*84.99*
Minima	13.10	*82.27*	*46.98*	9.3	7.8	9.0	60.0	37.5	3.1	3.2	3.6	3.6	*75.61*	*79.76*	4.8	2.2	*40.35*	5.0	6.1	*75.36*
Maxima	15 20	*96.30*	*60.15*	12.1	10.4	11.2	74.0	64.0	4.0	4.0	4.8	4.3	*100.00*	*101.33*	6.0	3.05	*60.4*	6.6	7.4	*101.54*

OSTIAK—SAMOYED

1340 [32]	14.7	*86.39*	*52.38*	9.0	7.8	8.8	63.0	46.5	3.85	3.85	4.3	4.2	*89.53*	*91.67*	5.9	2.65	*44.92*	5.4	6.5	*83.08*

DOLGAN

46141 [33]	14.6	*83.56*	*50.0*	10.2	9.4	10.0	67.0	61.5	3.5	3.5	4.1	4.0	*85.37*	*87.50*	5.25	2.4	*45.71*	5.5	6.5	*84.62*

[1] Allowance made for wear of teeth, where needed.
[2] Maxillary lingual hyperostoses, both sides of last molars (M_3).
[3] Eskimoid; atypical—place apart.
[4] All upper incisors lost long ago.
[5] Near.
[6] External maxillary hyperostoses, canines to end.
[7] Right upper lateral, and both left upper incisors lost long ago.
[8] Very massive; pronounced maxillary lingual hyperostoses in molar region, on both sides.
[9] Labial maxillary and lingual mandibular hyperostoses.
[10] Left upper median incisor lost long ago.
[11] Labial maxillary hyperostoses.
[12] Right upper median incisor lost long ago.
[13] Massive; both upper median incisors lost long ago.
[14] Metopic sutures.
[15] Both median and lateral upper incisors lost long ago.
[16] Both right upper, and left median upper incisors lost long ago.
[17] Both right and left median upper incisors, and lower left median incisor lost long ago.
[18] Both lower median incisors lost long ago.
[19] Maxillary lingual hyperostoses on both sides of last two molars.
[20] Vault and face syphilitic.
[21] Somewhat ♀-like, but ♂.
[22] Measurements (some) still somewhat less than adult.
[23] Somewhat weak, but ♂.
[24] Right upper median incisor lost long ago.
[25] Left upper lateral incisor lost long ago.
[26] Left upper median incisor lost long ago.
[27] Left upper incisors lost long ago.
[28] Maxillary lingual hyperostoses on right side, molar region; on mandible, bilateral. All incisors, lower jaw, lost long ago.
[29] Right upper median incisor lost long ago.
[30] Left upper incisors lost long ago; also lower left lateral incisor.
[31] Somewhat ♀-like.
[32] Much like Samoyed and Yukagirskaia Sopka crania (also close to Aleuts and Athapascans).
[33] Much like an Athapascan; like a Siber-Samoyed (or Ostiak).

SIBERIA: OSTIAK

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
7135	Moscow Mus.	Little Ob River	40		17.8	13.0	12.8	*73.03*	*83.12*	*98.46*	14.53			11.6	7.2
6967	do	do	Elderly		18.3	13.4	12.4	*73.22*	*78.23*	*92.54*	14.70				6.4
6985	do	do	30		18.8	13.8	12.2	*73.40*	*74.85*	*88.41*	14.93				7.4
135	Leningrad Mus.	Koinginski			18.6	13.7	12.8	*73.66*	*84.49*	*93.43*	15.03				7.8
7044	Moscow Mus.	Little Ob River	Old		18.6	13.7	12.4	*73.66*	*76.78*	*90.51*	14.90				6.9
6961	do	do	40		17.8	13.2	12.5	*74.16*	*80.65*	*94.70*	14.50				7.0
7099	do	do	35		17.8	13.2	13.0	*74.16*	*83.87*	*98.48*	14.67				6.8
6893 [3]	do	do	Elderly		18.4	13.8	11.8	*75.0*	*73.29*	*85.51*	14.67				7.3
6995	do	do	40		16.9	12.7	12.0	*75.15*	*81.08*	*94.49*	13.87				6.8
7070 [4]	do	do	Old		17.8	13.4	12.6	*75.28*	*80.77*	*94.03*	14.60				6.8
5592-5	Leningrad Mus.	do			18.3	13.8	13.2	*75.41*	*82.24*	*95.65*	15.10			10.8	6.8
7189	Moscow Mus.	do	30		17.2	13.0	12.7	*75.58*	*84.11*	*97.69*	14.30				6.7
7011	do	do	Aged		18.7	14.2	12.0	*75.94*	*72.95*	*84.51*	14.97				
6900	do	do	Elderly		18.4	14.0	12.2	*76.09*	*74.17*	*87.14*	14.87			11.2	7.0
7023	do	do	35		17.6	13.4	12.2	*76.14*	*78.71*	*91.04*	14.40				7.0
7113	do	do	45		17.8	13.6	12.4	*76.40*	*78.98*	*91.18*	14.60				7.0
6886	do	do	Old		18.0	13.8	11.6	*76.67*	*72.96*	*84.06*	14.47				7.2
6969	do	do	50		17.9	13.8	12.4	*77.09*	*78.23*	*89.86*	14.70				7.2
6890	do	do	35		17.5	13.5	12.8	*77.14*	*82.58*	*94.81*	14.60				7.3
7131 [4]	do	do	Elderly		18.4	14.2	13.1	*77.17*	*80.37*	*92.25*	15.23				7.0
7013	do	do	40		18.0	13.9	12.8	*77.22*	*80.25*	*92.09*	14.90				7.8
6978	do	do	45		18.1	14.0	12.9	*77.35*	*80.37*	*92.14*	15.00				7.4
6988 [6]	do	do	Elderly		17.8	13.8	12.8	*77.53*	*81.01*	*92.75*	14.80				
6887 [7]	do	do	do		17.5	13.6	11.8	*77.71*	*75.88*	*86.76*	14.30				7.3
6965	do	do	55		18.0	14.0	12.8	*77.78*	*80.00*	*91.43*	14.93				7.6
7124	do	do	Old		18.0	14.0	12.6	*77.78*	*78.75*	*90.00*	14.87				7.6
6991	do	do	Elderly		17.7	13.8	12.6	*77.97*	*80.00*	*91.30*	14.70				7.4
7043	do	do	35		17.8	13.9	13.1	*78.09*	*82.65*	*94.24*	14.93				7.3
6876	do	do	50		17.4	13.6	11.9	*78.16*	*76.77*	*87.5*	14.30				6.7
7074 [8]	do	do	Elderly		17.4	13.6	12.2	*78.16*	*78.71*	*89.71*	14.40				
7076	do	do	Old		17.4	[2]13.6	11.7	*78.16*	*75.48*	*86.03*	14.23				7.3
1005 [9]	Leningrad Mus.	do			17.6	13.8	12.4	*78.41*	*78.98*	*89.86*	14.60				7.0
5552-4	do	do			17.6	13.8	12.9	*78.41*	*82.17*	*93.48*	14.77				7.3
7166	Moscow Mus.	do	45		17.6	13.8	12.4	*78.41*	*78.98*	*98.86*	14.60				7.5
7170	do	do	Old		17.7	13.9	13.0	*78.53*	*82.28*	*93.53*	14.87				7.2
6948 [10]	do	do	40		17.4	13.7	12.2	*78.74*	*78.46*	*89.05*	14.43				7.1
6870	do	do	20		17.5	13.8	12.4	*78.86*	*79.23*	*89.86*	14.57				6.7

6949 [11]	do	do	Mid-aged		18.0	14.2	12.2	78.89	75.78	85.92	14.80			[2] 6.9
7103	do	do	25		18.0	14.2	11.2	78.89	69.57	78.87	14.47			7.0
6908 [12]	do	do	55		17.1	13.5	12.4	78.95	81.05	91.85	14.33		11.1	6.9
6872	do	do	50		17.2	13.6	11.6	79.07	73.32	85.29	14.13		11.8	7.4
7155	do	do	35		17.2	13.6	11.6	79.07	75.32	85.29	14.13			6.7
6888	do	do	30		17.7	14.0	12.6	79.10	79.50	90.9	14.77			7.7
7160 [13]	do	do	Old		17.7	14.0	12.5	79.10	78.86	89.29	14.73			
6905	do	do	23		18.2	14.4	13.2	79.12	80.98	91.67	15.27		11.0	6.6
7047	do	do	Mid-aged		17.8	14.1	13.2	79.21	82.76	93.62	15.03			7.3
6878	do	do	Elderly		16.9	13.4	11.2	79.29	73.93	83.58	13.83			6.8
6884	do	do	Old		17.4	13.8	13.0	79.31	83.33	94.2	14.73			6.9
6954	do	do	Aged		17.4	13.8	12.4	79.31	79.49	89.86	14.53			7.2
7128	do	do	35		17.4	13.8	12.2	79.31	78.21	88.41	14.47		11.3	6.7
6871 [14]	do	do	Elderly		17.9	14.2	12.2	79.33	76.01	85.92	14.77			[2] 6.7
7029	do	do	25		16.5	13.1	12.0	79.39	81.08	91.6	13.87		11.0	7.0
6922	do	do	Mid-aged		17.6	14.0	11.6	79.55	73.19	82.86	14.40			7.0
7100	do	do	Elderly		17.6	14.0	12.4	79.55	78.48	88.57	14.67			7.0
7010	do	do	40		16.8	13.4	11.6	79.76	76.82	86.57	13.93			6.5
7035	do	do	30		17.3	14.2	12.4	79.78	77.50	87.32	14.80			7.1
7142	do	do	30		17.3	13.8	12.2	79.77	78.46	88.45	14.43			7.0
7071 [15]	do	do	45		17.1	13.7	11.6	80.12	75.32	84.67	14.13			6.5
6912	do	do	Mid-aged		17.2	13.8	11.7	80.23	75.48	84.78	14.23			7.2
6940 [16]	do	do	35		17.2	13.8	12.1	80.23	78.06	87.68	14.37			7.2
7140	do	do	25		16.8	13.5	12.5	80.36	82.51	92.59	14.27			7.1
6983 [17]	do	do	Mid-aged		17.9	14.4	12.6	80.45	78.02	87.50	14.97			7.0
7098	do	do	25		17.4	14.0	12.6	80.46	80.25	90.0	14.67			6.9
7106	do	do	Elderly		17.4	14.0	12.5	80.46	79.62	89.29	14.63			6.7
7167	do	do	Old		17.2	13.9	12.6	80.81	81.03	90.65	14.57			
6911 [18]	do	do	Elderly		16.8	13.6	11.8	80.95	77.63	86.76	14.07			7.1
7020	do	do	25		17.4	14.1	13.2	81.03	83.81	93.62	14.90			6.9
6879	do	do	50		17.5	14.2	12.6	81.14	79.50	88.73	14.77			6.8
7067	do	do	Mid-aged		17.8	14.5	12.6	81.46	78.02	86.9	14.97			7.1
7009	do	do	40		17.4	14.2	11.2	81.61	70.89	78.87	14.27			6.8
7148	do	do	30		17.4	14.2	12.0	81.61	75.95	84.51	14.53			6.7
7202	do	do	25		17.4	14.2	12.8	81.61	81.01	90.14	14.80		11.2	7.2
6916	do	do	45		17.0	13.9	11.8	81.76	76.38	84.89	14.23			6.3
5552–2	do	do			17.6	14.4	12.2	81.82	76.25	84.72	14.73		[2] 10.9	6.7
6933	do	do	Mid-aged		17.6	14.4	12.5	81.82	78.13	86.81	14.83			6.7
7168	do	do	do		17.3	14.2	12.0	82.08	76.19	84.51	14.50			6.9
7115	do	do	30		16.8	13.8	12.2	82.14	79.74	88.41	14.27			6.7
7180	do	do	35		16.8	13.8	12.2	82.14	79.74	88.41	14.27		11.5	7.2
6964	do	do	30		17.4	14.3	12.4	82.18	78.23	86.71	14.70		11.0	6.8
7051 [19]	do	do	Mid-aged		18.0	14.8	11.9	82.22	72.56	80.41	14.90			6.8
7064	do	do	45		17.0	14.0	11.6	82.35	74.84	82.86	14.20			6.6
7212	do	do	50		17.0	14.0	12.7	82.35	81.94	90.71	14.57			7.2
7213	do	do	24		17.0	14.0	11.9	82.35	76.77	85.0	14.30			7.3
7109 [20]	do	do	Elderly		18.2	15.0	12.8	82.42	77.10	85.33	15.33			7.0
7218	do	do	35		17.2	14.2	13.3	82.56	84.71	93.66	14.90			6.8
6889	do	do	30		16.2	13.4	11.8	82.72	79.73	88.06	13.80			6.8
7077	do	do	25		16.8	13.9	12.5	82.74	81.43	89.93	14.40		10.6	6.2
7050	do	do	35		16.4	13.6	12.7	82.93	84.67	93.38	14.23		10.9	6.9

See footnotes at end of table.

SIBERIA: OSTIAK—Continued

FEMALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
7072	Moscow Mus.	Little Ob River	24		16.4	13.6	12.0	*82.93*	*80.0*	*88.23*	14.0				6.4
7143	do	do	24		16.4	13.6	11.8	*82.93*	*78.67*	*86.76*	13.93				6.4
6955 [21]	do	do	Old		17.0	14.1	12.0	*82.94*	*77.17*	*85.11*	14.37				6.6
6873	do	do	40		17.6	14.6	12.2	*82.95*	*75.78*	*83.56*	14.80				7.3
7179	do	do	30		17.6	14.6	12.3	*82.95*	*76.40*	*84.25*	14.83				7.0
5191-5	do	do			16.0	13.3	11.2	*83.13*	*76.45*	*84.21*	13.50				6.0
7038	do	do	35		16.6	13.8	12.8	*83.13*	*84.21*	*92.76*	14.40				7.3
7187	do	do	Mid-aged		17.8	14.8	13.1	*83.15*	*80.87*	*88.51*	15.23				7.1
6956	do	do	Elderly		17.3	14.4	12.8	*83.24*	*80.76*	*88.89*	14.83				6.8
6941 [22]	do	do	40		[2]17.4	14.5	11.1	*83.33*	*69.59*	*76.55*	14.33				6.8
6962 [23]	do	do	30		17.0	14.2	12.3	*83.53*	*78.85*	*86.62*	14.50			11.7	7.0
7056 [24]	do	do	Mid-aged		17.0	14.2	12.6	*83.53*	*80.77*	*88.73*	14.60				7.8
6966 [25]	do	do	30		16.9	14.2	12.3	*84.02*	*79.10*	*86.62*	14.47				7.1
7052	do	do	22		17.0	14.3	12.7	*84.12*	*81.15*	*88.81*	14.67				6.9
7048	do	do	Mid-aged		17.8	15.0	12.6	*84.27*	*76.83*	*84.0*	15.13			11.2	7.1
7210	do	do	25		17.0	14.4	12.6	*84.71*	*80.25*	*87.5*	14.67				6.6
7040	do	do	55		16.6	14.1	13.0	*84.94*	*84.69*	*92.2*	14.57				7.8
7201	do	do	35		16.2	13.8	12.8	*85.19*	*85.33*	*92.75*	14.27				7.0
7181	do	do	40		17.6	15.0	12.6	*85.23*	*77.30*	*84.0*	15.07				6.9
7054	do	do	30		16.7	14.3	12.5	*85.63*	*80.65*	*87.41*	14.50				6.9
7162	do	do	35		16.9	14.5	12.8	*85.80*	*81.53*	*88.28*	14.73			11.9	7.5
7216	do	do	30		17.0	14.6	12.2	*85.88*	*77.22*	*83.56*	14.60				7.4
7053 [26]	do	do	23		17.2	14.8	12.2	*86.05*	*76.25*	*82.43*	14.73				6.7
5191-1	do	do			16.4	14.2	11.8	*86.59*	*77.12*	*83.1*	14.13			11.0	7.1
237-1	do	do			17.0	14.9	12.7	*87.65*	*79.62*	*85.23*	14.87				6.7
7175	do	do	Mid-aged		16.2	14.2	12.2	*87.65*	*80.26*	*85.92*	14.20				6.7
7060	do	do	do		16.4	14.4	12.3	*87.80*	*79.87*	*85.42*	14.37				6.6
Specimens			(66)		(115)	(115)	(115)	(115)	(115)	(115)	(115)			(18)	(110)
Totals			2320		2,001.8	1,605.1	1,419.7				1,675.54			201.7	768.8
Averages			35.2		17.41	13.96	12.35	*80.18*	*78.72*	*88.45*	14.57			11.21	6.99
Minima			20		16.0	12.7	11.1	*73.03*	*69.57*	*76.65*	13.50			10.6	6.0
Maxima			55		18.8	15.0	13.3	*87.80*	*84.71*	*98.86*	15.33			11.9	7.8

OSTIAK-SAMOYED

1341	Leningrad Mus.	Surchanski Kraj			16.9	14.3	12.0	*84.62*	*76.92*		14.40				6.6

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
7135	13.1	88.55	54.96	9.6	8.6	9.6	68.0	55.0	3.2	3.15	3.9	3.8	82.05	82.89	5.25	2.55	48.57	5.1	6.7	76.12
6967	12.5	----	51.20	9.5	8.5	9.6	71.0	45.0	3.35	3.35	3.9	3.85	85.90	87.01	5.05	2.05	58.42	5.4	6.7	80.69
6985	13.4	55.22	10.2	9.0	8.5	10.0	67.5	51.0	3.5	3.6	3.8	3.8	94.74	92.11	5.4	2.45	45.37	5.6	6.4	87.50
135	13.7	56.93	10.9	9.6	8.7	10.6	66.5	48.5	3.55	3.5	3.85	3.75	90.91	92.21	5.75	2.5	43.48	6.0	6.8	88.24
7044	12.7	54.33	9.3	9.4	8.4	9.4	68.5	57.5	3.25	3.25	3.8	3.7	85.53	85.53	4.9	2.45	50.00	----	----	----
6961	10.4	67.31	10.6	9.3	8.4	9.4	68.5	58.0	3.25	3.2	3.8	3.7	87.74	86.49	4.9	2.4	48.98	5.3	6.3	84.13
7099	13.0	52.31	10.1	9.8	8.8	10.5	70.5	58.0	3.2	3.0	3.8	3.7	84.21	81.08	5.1	2.65	51.96	5.6	2 6.5	86.16
6803 [3]	13.2	55.30	10.1	8.8	8.6	9.8	66.0	45.5	3.65	3.7	4.0	3.9	91.95	94.87	5.4	2.6	48.15	5.6	6.7	83.58
6995 [4]	12.6	53.97	9.9	8.6	8.2	9.2	63.0	46.0	3.4	3.6	3.8	3.8	89.47	94.74	4.9	2.55	52.04	5.4	6.0	90.00
7070 [4]	13.4	50.75	9.6	8.4	8.2	10.4	69.0	50.0	3.1	3.15	3.7	3.95	----	93.67	5.1	2.6	50.98	----	----	80.69
5592–5	12.8	53.13	10.2	9.2	8.4	10.4	72.0	50.0	3.15	3.15	3.85	3.7	85.14	85.14	5.2	2.65	51.54	5.4	6.7	91.23
7189	12.2	54.92	10.2	9.2	8.2	10.1	69.5	51.5	3.15	3.65	3.85	4.05	81.82	90.12	5.8	2.7	48.96	5.2	6.7	88.46
7011	13.3	----	----	8.9	8.9	9.6	----	----	3.65	3.65	4.05	4.05	90.12	90.12	5.8	2.2	38.55	----	----	95.00
6900	13.1	58.44	9.9	8.6	8.6	9.4	65.0	46.0	3.2	3.2	3.7	3.65	86.49	87.67	5.7	2.2	43.56	5.7	6.0	85.96
7023	12.0	58.33	8.9	8.0	8.0	9.2	69.5	59.0	3.55	3.75	3.75	3.7	94.67	101.35	4.9	2.25	45.92	4.9	5.7	85.96
7113	13.0	53.85	9.5	8.5	8.5	9.4	67.5	52.5	3.5	3.55	4.1	3.95	85.37	89.87	5.2	2.45	47.12	5.3	6.6	80.30
6886	12.7	52.91	10.2	9.0	9.2	10.0	64.0	47.0	3.85	----	4.25	----	90.59	----	5.3	3.0	56.60	----	----	----
6969	13.3	53.69	10.6	9.2	9.0	9.6	65.5	46.5	3.4	3.55	3.9	3.9	87.18	91.08	5.1	2.4	47.06	5.6	6.8	82.35
6890	13.4	54.89	10.3	9.4	9.4	9.9	66.0	58.5	3.35	3.55	4.1	3.9	81.71	91.03	5.3	2.75	51.89	5.4	6.4	80.60
7131 [5]	13.4	52.24	9.8	8.6	8.6	10.1	71.0	49.5	3.4	3.55	4.1	4.0	82.93	88.75	5.1	2.65	51.96	5.1	6.2	82.26
7013	14.3	54.83	10.5	9.4	9.4	10.4	67.0	57.0	3.3	3.35	4.1	4.0	80.49	83.75	5.4	2.65	49.07	5.8	6.5	89.23
6978	13.6	54.41	10.5	9.2	9.2	10.2	66.5	49.0	3.3	3.5	3.7	3.85	89.19	94.59	5.3	2.45	46.23	5.4	6.6	81.32
6988 [6]	13.2	----	----	9.3	9.3	10.1	----	----	3.3	3.3	3.85	3.85	85.71	85.71	5.15	2.6	50.49	----	----	----
6887 [7]	13.5	51.07	10.8	9.6	8.8	9.8	62.0	51.0	3.2	3.45	3.9	3.85	82.05	90.78	5.15	2.35	45.63	6.2	6.2	100.00
6965	12.9	58.91	9.8	8.8	8.0	10.0	68.5	58.0	3.9	3.9	4.1	4.0	96.12	97.50	5.3	2.5	47.14	5.2	6.2	83.87
7124	13.4	59.72	11.0	9.7	9.0	10.4	65.5	51.5	3.8	3.8	4.0	4.0	95.00	95.00	5.3	2.65	50.00	5.4	6.0	90.00
6991	13.7	54.01	10.2	8.9	8.9	9.8	65.5	50.0	3.1	3.25	4.0	4.05	76.54	83.33	5.15	2.6	50.49	5.7	6.6	86.36
7043	13.2	55.30	10.4	9.4	9.4	10.1	66.5	56.0	3.3	3.45	4.0	3.95	82.50	87.34	5.2	2.65	50.96	5.5	6.2	88.71
6876	12.9	51.94	9.6	8.6	8.6	9.6	69.5	51.5	3.45	3.45	3.6	3.5	95.83	94.20	4.9	2.4	48.98	4.9	5.5	89.09
7074 [6]	13.1	----	----	8.6	9.0	9.6	----	----	3.15	3.2	3.7	3.6	85.14	88.89	5.0	2.8	56.0	----	----	----
7076 [8]	12.8	53.68	10.2	9.0	8.8	9.6	64.0	50.0	3.9	3.9	4.1	4.15	95.12	93.98	5.3	2.6	49.06	----	----	----
1005 [9]	13.2	54.69	9.9	8.8	8.0	9.6	66.5	53.0	3.25	3.45	3.7	3.5	87.84	98.57	5.0	2.6	52.0	5.3	6.0	85.0
5552–4	13.2	55.80	9.2	8.0	8.0	9.4	68.0	48.0	3.5	3.45	3.8	3.8	92.11	90.79	5.4	2.65	46.30	----	----	----
7165	13.2	56.82	9.6	8.4	8.4	9.4	66.5	55.5	3.4	3.4	3.9	3.9	87.18	87.18	4.85	2.3	47.42	5.3	6.1	86.89
7170	13.9	51.80	10.5	9.4	9.4	10.2	67.5	53.5	3.3	3.3	3.9	3.8	84.62	84.62	5.1	2.45	48.04	5.5	6.5	84.62
6948 [10]	13.2	53.79	9.6	8.8	8.7	9.7	69.0	61.0	3.6	3.6	3.9	3.7	92.31	97.30	5.0	2.6	52.0	5.0	6.0	83.33
6870	(13.1)	(55.37)	9.3	8.3	8.4	9.2	68.0	56.5	3.3	3.3	3.6	3.6	100.0	94.79	4.8	2.15	44.79	4.7	6.0	78.81
6949 [11]	(12.1)	52.67	9.6	8.6	8.7	9.7	70.5	53.5	3.45	3.5	4.05	3.95	85.19	88.61	5.1	2.7	52.94	5.0	6.2	80.65
7103 [12]	13.5	51.85	10.4	9.3	9.5	10.0	62.0	50.0	3.8	3.55	3.9	3.9	98.70	98.59	5.1	2.75	53.92	5.7	6.4	89.06
6908 [12]	12.5	55.20	10.1	9.1	9.0	10.0	69.0	54.0	3.4	3.35	3.8	3.8	89.47	84.21	5.0	2.4	48.0	5.5	5.8	94.83
6872	13.2	56.06	10.5	9.3	8.4	9.9	64.5	54.0	3.2	3.25	3.8	3.9	84.21	83.33	5.0	2.6	52.0	6.0	6.1	98.36
7155	12.6	53.17	9.3	8.4	9.0	9.6	66.0	57.0	3.5	3.45	3.9	3.8	89.74	90.79	4.75	2.35	49.47	5.0	6.3	79.37

SIBERIA: OSTIAK—Continued

FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Index, total Facial $\left(\frac{a \times 100}{c}\right)$	Index, upper Facial $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
6888	13.5	------	*57.04*	10.2	9.0	9.7	64.0	50.0	3.7	3.8	3.85	3.8	*96.10*	*100.0*	5.7	2.5	*43.86*	5.7	6.6	*86.36*
7160 [13]	13.6	------	------	------	9.2	10.0	------	------	3.5	3.5	4.05	3.9	*86.42*	*89.74*	5.05	2.25	*44.55*	------	------	------
6905	12.9	*85.27*	*51.16*	9.9	9.2	10.4	75.0	61.0	3.6	3.5	3.8	3.8	*94.74*	*92.11*	4.9	2.3	*46.94*	5.0	6.3	*79.37*
7047	13.2	------	*55.30*	11.1	10.0	10.4	65.0	53.0	3.15	3.1	3.9	3.8	*80.77*	*81.58*	5.3	2.7	*50.94*	5.6	6.3	*88.89*
6878	13.3	------	*51.13*	10.3	9.1	9.5	64.0	48.5	3.8	4.0	4.0	3.8	*95.0*	*105.26*	4.9	2.65	*54.08*	5.3	6.3	*84.13*
6884	13.3	------	*51.88*	8.8	8.0	9.3	71.5	57.0	3.5	3.45	3.95	3.9	*88.61*	*88.46*	5.2	2.5	*48.08*	------	------	------
6954	13.8	------	*52.17*	10.4	9.4	10.2	68.0	53.0	3.5	3.6	3.9	3.9	*89.74*	*92.31*	5.35	[2] 2.8	*52.34*	------	------	------
7128	13.1	*86.26*	*51.15*	10.9	9.4	10.0	64.0	37.0	3.0	3.1	4.0	4.0	*75.0*	*77.50*	5.0	2.7	*54.0*	5.7	6.5	*87.69*
6871 [14]	12.7	------	*52.76*	[2] 9.4	8.4	9.2	67.5	53.5	3.3	3.2	3.7	3.75	*89.19*	*85.33*	4.8	2.35	*48.96*	------	------	------
7029	[2] 12.4	*88.71*	*56.45*	10.3	8.8	9.2	61.0	42.5	3.5	3.5	3.8	3.8	*92.11*	*92.11*	4.9	2.75	*56.12*	5.9	6.6	*89.39*
6922	13.0	------	*53.85*	10.0	8.9	9.4	64.0	53.0	3.35	3.3	3.6	3.55	*93.06*	*92.96*	4.9	2.6	*53.06*	5.3	6.2	*85.48*
7100	12.7	------	*55.12*	9.7	8.4	9.6	68.0	48.0	3.45	3.55	3.55	3.8	*89.61*	*93.42*	4.95	2.45	*49.49*	5.3	6.2	*85.48*
7010	12.9	------	*50.39*	8.6	7.7	9.3	74.5	54.5	3.5	3.5	3.8	3.7	*92.11*	*94.59*	4.9	2.2	*44.90*	4.4	5.6	*78.57*
7035	13.7	------	*51.82*	10.2	9.1	9.8	66.0	51.0	3.5	3.55	3.95	3.8	*83.61*	*93.42*	5.15	2.6	*50.49*	5.7	6.3	*90.48*
7142	13.9	------	*50.36*	9.9	8.7	9.8	68.5	48.0	3.65	3.65	3.9	3.8	*93.59*	*98.05*	5.1	2.2	*43.14*	5.3	6.4	*82.81*
7071 [14]	12.1	------	*53.72*	9.4	8.0	8.8	64.0	41.0	3.35	3.5	3.9	3.8	*85.90*	*92.11*	4.7	2.5	*53.19*	5.4	5.8	*93.10*
6912	12.9	------	*54.81*	10.2	8.7	9.7	65.0	45.0	3.45	3.5	4.0	4.0	*86.25*	*87.50*	5.05	2.6	*51.49*	5.6	6.8	*82.35*
6940 [16]	13.2	------	*51.55*	9.6	8.7	9.5	67.0	60.0	3.55	3.4	3.95	3.9	*89.87*	*87.19*	4.95	2.5	*50.51*	5.0	6.4	*78.13*
7140	12.9	------	*55.04*	9.4	8.2	9.2	66.0	51.0	3.55	3.55	3.8	3.7	*93.42*	*95.95*	4.95	2.4	*48.48*	5.1	5.9	*86.44*
6983 [17]	13.6	------	*51.47*	10.2	9.2	9.8	66.5	53.5	3.3	3.4	3.9	3.75	*84.62*	*90.67*	5.1	2.55	*50.0*	5.4	6.4	*84.38*
7098	13.1	------	*52.67*	8.8	8.0	9.1	69.5	59.0	3.4	3.4	3.7	3.6	*91.89*	*94.44*	5.0	2.5	*50.0*	4.9	6.2	*79.03*
7106	13.1	------	*51.15*	9.1	8.0	9.3	70.0	54.5	3.2	3.4	3.9	3.8	*82.05*	*89.47*	------	------	------	4.9	5.9	*83.05*
7167	13.8	------	------	------	8.62	9.9	------	------	------	3.4	------	3.8	------	*89.47*	5.2	2.4	*46.15*	------	------	------
6911 [18]	12.6	------	*56.35*	9.1	8.2	9.0	66.0	57.5	3.5	3.6	3.7	3.6	*94.59*	*100.0*	5.1	2.4	*47.06*	5.0	[2] 6.2	*80.65*
7020	13.3	------	*51.88*	9.7	8.8	9.8	70.0	59.5	3.1	3.1	3.75	3.75	*82.67*	*82.67*	4.8	2.45	*51.04*	5.2	6.3	*82.54*
6879	13.1	------	*51.91*	9.8	8.9	10.2	73.0	57.0	3.35	3.25	3.8	3.7	*88.16*	*87.84*	4.95	2.4	*48.48*	5.0	6.0	*83.33*
7067	14.2	------	*50.0*	9.8	9.0	10.2	72.5	53.5	3.6	3.7	4.1	4.05	*87.80*	*91.36*	5.65	2.7	*47.79*	5.2	5.9	*88.14*
7009	12.7	------	*53.54*	9.6	8.6	9.5	63.5	50.5	3.45	3.4	4.0	3.9	*86.25*	*87.18*	5.1	2.4	*47.06*	5.2	6.3	*82.54*
7148	13.1	------	*51.15*	8.9	7.9	8.6	65.0	54.0	3.45	3.6	4.1	3.9	*84.15*	*92.31*	4.75	2.35	*49.47*	5.1	6.1	*83.61*
7202	13.4	*83.58*	*53.7*	10.6	9.4	10.1	66.0	48.0	3.5	3.55	3.9	3.8	*89.74*	*93.42*	5.3	2.4	*45.28*	5.6	6.5	*86.15*
6916	12.6	------	*50.03*	10.0	8.8	9.0	62.0	49.5	3.2	3.4	3.75	3.7	*85.33*	*91.89*	4.3	2.4	*55.81*	5.2	6.0	*86.67*
5552–2	13.5	*80.74*	*49.6*	9.4	8.2	9.4	68.5	48.0	3.4	------	3.7	------	*91.89*	------	4.85	2.35	*48.45*	5.0	6.2	*80.65*
6933	13.1	------	*51.13*	8.9	8.3	9.2	70.5	62.0	3.3	3.35	3.65	3.6	*90.41*	*93.06*	5.05	2.25	*44.55*	4.8	6.3	*76.19*
7168	13.4	------	*51.45*	10.7	9.6	10.2	67.0	51.0	3.25	3.2	3.8	3.7	*85.53*	*86.49*	5.1	2.45	*48.04*	5.3	6.0	*88.33*
7115	12.5	------	*53.69*	8.9	8.1	9.2	71.0	57.0	3.6	3.7	3.9	3.8	*92.31*	*97.37*	5.0	2.1	*42.0*	4.8	5.9	*81.36*
7180	12.8	*89.84*	*56.20*	9.2	8.2	9.4	68.5	55.0	3.25	3.2	3.8	3.75	*85.53*	*85.33*	5.25	2.45	*46.67*	5.2	5.8	*89.66*
6964	14.2	*77.46*	*47.89*	10.7	9.6	9.9	64.5	54.5	3.4	3.35	4.0	4.0	*85.0*	*83.75*	4.75	2.4	*50.53*	5.6	6.5	*86.15*
7051 [19]	14.1	------	*48.23*	10.6	9.4	10.0	66.0	42.0	3.3	3.3	4.0	4.1	*82.50*	*80.49*	5.25	3.1	*59.05*	5.6	6.9	*81.16*
7064	13.3	------	*49.62*	9.6	9.0	9.6	70.0	62.0	3.5	3.6	3.9	3.7	*89.74*	*97.30*	5.1	2.35	*46.08*	4.9	5.9	*83.05*
7212	12.9	------	*55.8*	9.0	8.0	9.0	66.0	53.0	3.55	3.65	3.95	3.7	*89.87*	*98.65*	5.35	2.35	*43.93*	5.0	6.6	*75.76*

7213	11.9	------	*61.34*	9.6	8.4	9.0	62.5	53.0	3.75	3.85	3.7	3.7	*101.35*	*104.05*	4.9	2.2	*44.90*	5.5	5.7	*96.49*
7109 [20]	[2] 14.4	------	*48.61*	10.2	9.4	10.0	68.0	60.0	3.5	3.6	3.9	3.8	*89.74*	*94.74*	5.0	2.45	*49.0*	5.6	6.0	*93.33*
7218	13.1	------	*51.91*	9.8	8.4	9.9	70.5	35.0	3.3	3.35	3.9	3.95	*84.62*	*84.81*	5.5	2.6	*47.27*	5.4	6.2	*87.10*
6889	12.5	------	*54.40*	10.3	9.2	9.8	66.0	54.0	3.25	3.2	3.7	3.7	*87.84*	*86.49*	4.65	2.55	*54.84*	5.4	5.9	*91.53*
7077	12.8	*82.81*	*48.44*	9.3	8.6	9.6	73.5	55.5	3.2	3.4	3.9	3.8	*82.05*	*89.47*	4.9	2.6	*53.06*	5.0	6.1	*81.97*
7059	12.6	*80.51*	*54.76*	10.1	8.8	9.4	68.0	48.5	3.2	3.3	3.6	3.5	*88.89*	*94.29*	4.8	2.45	*51.04*	5.5	6.2	*88.71*
7072	12.8	------	*50.0*	9.3	8.8	9.5	72.0	63.5	3.15	3.15	3.55	3.5	*88.73*	*90.0*	5.05	2.45	*48.51*	4.6	6.0	*76.67*
7143	11.9	------	*53.78*	9.9	8.8	9.6	68.0	50.5	3.3	3.3	3.7	3.7	*89.19*	*89.19*	4.55	2.35	*51.65*	5.1	6.4	*79.68*
6955 [21]	13.4	------	*49.25*	10.1	8.9	9.6	66.5	43.5	3.4	3.4	3.85	3.9	*88.31*	*87.18*	5.0	2.7	*54.0*	------	------	------
6873	13.3	------	*54.89*	10.1	9.0	9.8	66.0	53.5	3.1	3.3	3.85	3.75	*80.52*	*88.0*	5.2	2.5	*48.08*	5.3	6.3	*84.13*
7179	13.7	------	*51.09*	10.1	8.9	9.6	65.0	44.5	3.5	3.55	3.9	3.8	*89.74*	*93.42*	5.3	2.3	*43.40*	5.4	6.7	*80.60*
5191–5	12.5	------	*48.0*	10.1	9.0	9.4	65.5	37.5	3.0	3.0	3.7	3.65	*81.08*	*82.19*	4.75	2.6	*54.74*	5.2	5.9	*88.14*
7038	12.8	------	*57.03*	9.2	8.1	9.1	65.5	54.5	3.55	3.6	3.7	3.6	*95.95*	*100.0*	5.1	2.65	*51.96*	5.0	6.3	*79.37*
7187	[2] 13.6	------	*52.21*	9.9	8.8	9.6	66.5	55.5	3.45	3.55	3.7	3.7	*93.24*	*95.95*	4.9	2.5	*51.02*	5.3	6.1	*86.89*
6956	13.5	------	*50.37*	10.2	9.4	10.0	68.5	62.0	3.5	3.45	4.1	4.0	*85.37*	*86.25*	4.7	2.6	*55.32*	5.3	6.3	*84.13*
6941 [22]	13.6	------	*50.0*	10.6	9.2	9.1	59.0	42.0	3.55	3.5	3.8	3.75	*93.42*	*93.33*	4.7	2.7	*57.45*	5.6	6.6	*84.85*
6962 [23]	[2] 13.2	*88.64*	*53.03*	9.4	8.3	9.5	68.5	53.0	3.8	3.8	3.9	3.7	*97.44*	*102.70*	5.0	2.15	*43.0*	5.0	6.3	*79.37*
7056 [24]	13.1	------	*59.54*	10.0	8.6	9.7	64.5	51.5	3.45	3.6	3.7	3.9	*93.24*	*92.31*	5.2	2.35	*45.19*	5.4	6.3	*85.71*
6966 [25]	12.9	------	*55.04*	9.9	8.8	9.4	64.5	52.5	3.55	3.6	3.8	3.6	*93.43*	*100.0*	5.1	2.15	*42.16*	5.4	6.4	*84.38*
7052	13.3	------	*51.88*	9.8	8.6	9.6	67.0	45.0	3.5	3.6	3.8	3.7	*92.11*	*97.30*	5.25	2.7	*51.43*	5.3	6.6	*80.30*
7048	13.3	*84.21*	*53.38*	9.7	8.6	9.6	67.5	52.0	3.25	3.3	3.9	3.9	*83.33*	*84.62*	5.1	2.65	*51.96*	5.2	6.9	*75.36*
7210	12.1	------	*54.55*	9.4	8.3	9.3	68.5	57.0	3.3	3.25	3.55	3.5	*92.96*	*92.86*	4.7	2.2	*46.81*	4.6	5.6	*82.14*
7040	13.1	------	*59.54*	10.2	9.1	10.1	66.0	58.0	3.7	3.7	3.9	3.8	*94.87*	*97.37*	5.2	2.15	*41.35*	5.6	[2] 6.0	*93.33*
7201	12.7	------	*55.12*	9.8	8.6	9.6	67.0	47.0	3.35	3.35	3.8	3.75	*88.16*	*89.33*	5.2	2.45	*47.12*	5.3	6.3	*84.13*
7181	14.3	------	*48.25*	10.5	9.5	10.3	69.0	53.0	3.8	3.8	4.0	3.85	*95.0*	*98.70*	5.1	2.7	*52.94*	5.5	6.3	*87.30*
7054	13.0	------	*53.08*	9.8	9.1	9.6	68.0	61.0	3.65	3.7	3.9	3.9	*93.59*	*94.87*	5.1	2.3	*45.10*	4.8	5.8	*82.76*
7162	12.5	*95.20*	*60.0*	9.6	8.4	9.2	64.0	55.5	3.4	3.55	3.8	3.7	*89.47*	*95.95*	4.95	2.25	*45.45*	5.3	6.0	*88.33*
7216	13.0	------	*56.92*	9.4	8.3	9.2	65.5	53.5	3.4	3.4	3.65	3.5	*93.15*	*97.14*	5.3	2.45	*46.23*	4.8	6.6	*72.73*
7053 [26]	13.5	------	*49.63*	9.4	8.4	9.4	69.0	54.5	3.5	3.55	3.8	3.75	*92.11*	*94.67*	4.8	2.35	*48.96*	5.0	6.1	*81.97*
5191–1	12.3	*89.43*	*57.72*	9.5	8.0	9.0	63.5	44.5	3.2	3.35	3.9	3.7	*82.05*	*90.54*	4.95	2.6	*52.53*	5.3	6.2	*85.48*
237–1	14.0	------	*47.86*	8.9	8.1	9.5	73.0	55.0	3.1	3.1	3.7	3.7	*83.78*	*83.78*	5.15	2.7	*52.43*	5.1	6.6	*77.27*
7175	12.9	------	*51.94*	8.8	8.2	9.2	71.0	61.0	3.2	3.1	4.05	3.8	*79.01*	*81.58*	5.2	2.6	*50.0*	4.8	6.4	*75.0*
7060	13.5	------	*48.89*	10.4	8.9	9.4	62.0	41.5	3.3	3.2	3.9	3.7	*84.62*	*86.49*	4.6	2.45	*53.26*	5.3	6.0	*88.33*
Specimens	(114)	(18)	(109)	(109)	(114)	(114)	(109)	(109)	(113)	(112)	(113)	(112)	(113)	(112)	(114)	(114)	(114)	(101)	(101)	(101)
Totals	1,494.6	------	------	1,073.5	1,001.2	1,099.7	7,334.0	5,697.5	385.65	386.25	435.65	424.45	------	------	577.35	284.4	------	533.6	631.1	------
Averages	13.11	*86.31*	*53.38*	9.85	8.78	9.65	67.28	52.27	3.41	3.45	3.86	3.79	*88.52*	*91.0*	5.06	2.49	*49.26*	5.28	6.25	*84.55*
Minima	10.4	*77.46*	*47.86*	8.6	7.7	8.6	59.0	35.0	3.0	3.0	3.3	3.5	*75.0*	*77.60*	4.3	2.1	*41.35*	4.4	5.5	*72.73*
Maxima	14.4	*95.20*	*67.31*	11.1	10.0	10.6	75.0	63.5	3.9	4.0	4.25	4.15	*101.35*	*105.26*	5.8	3.1	*59.05*	6.2	6.9	*100.00*

OSTIAK-SAMOYED

1341	13.5	------	*48.89*	9.6	8.6	9.3	67.0	49.0	------	3.7	------	4.05	------	*91.36*	5.0	2.3	*46.0*	------	------	------

[1] Allowance made for wear of teeth, where needed.
[2] Near.
[3] Right upper incisors lost long ago.
[4] Left upper median incisor lost long ago.
[5] Vault over right frontal, occipital and in left parietal eaten through—cancer?
[6] All upper incisors and right canine lost long ago.
[7] Palate U-shaped; right upper median incisor lost long ago.
[8] All upper incisors lost long ago.
[9] Left upper median incisor lost long ago.
[10] Left upper median incisor lost long ago.
[11] Right upper medlan incisor lost long ago.
[12] U-palate; left median incisor evidently torn out, forward.
[13] All upper incisors lost long ago.
[14] Upper median incisors lost long ago.
[15] Left upper median incisor lost long ago.
[16] Left upper lateral incisor lost long ago.
[17] M_2 and M_3, both sides, in maxilla, never erupted.
[18] External maxiliary hyperostoses.
[19] Somewhat ♂-like, but probably ♀; right upper median incisor lost long ago.
[20] Vault syphilitic.
[21] Vault badly syphilitic, palate also.
[22] Base much impressed.
[23] Vault badly syphilitic, also lower jaw.
[24] Right upper median incisor lost long ago.
[25] Vault badly syphilitic, also palate and right maxilla.
[26] Somewhat ♂-like, but probably ♀.

SIBERIA: VOGUL

MALES[1]

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella and maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
4382	Moscow Mus	Ob River (southwest of Ostiaks).	Elderly		19.6	13.5	12.8	*68.88*	*77.34*		15.30				7.4
4358	do	do	45		19.8	13.8	12.8	*69.70*	*76.19*		15.47				7.4
4360[3]	do	do	Mid-aged		18.9	13.1	12.6	*70.90*	*78.02*		14.97				7.5
4383[4]	do	do	Elderly		18.6	13.4	12.2	*72.04*	*76.25*		14.73				7.4
4373[5]	do	do	do		19.2	14.0	12.6	*72.92*	*75.90*		15.27				7.4
4395	do	do	Mid-aged		19.6	14.4	12.6	*73.47*	*74.12*		15.53				7.0
4410	do	do	35		19.0	[2]14.0	13.7	*73.68*	*83.03*		15.57				7.1
4394	do	do	Old		18.7	14.0	12.6	*74.87*	*77.06*		15.10				8.0
4365	do	do	Elderly		19.2	14.6	12.3	*76.04*	*72.78*		15.37				7.4
4402[6]	do	do	40		17.8	13.6	13.4	*76.40*	*85.35*		14.93				7.3
4376	do	do	40		18.8	14.4	13.0	*76.60*	*78.31*		15.40				7.0
4381	do	do	25		18.5	14.4	12.2	*77.84*	*74.16*		15.03				6.7
4375	do	do	Mid-aged		18.4	14.4	12.8	*78.26*	*78.05*		15.20				6.9
4362	do	do	45		18.2	14.3	12.4	*78.57*	*76.31*		14.97			11.6	7.0
4427	do	do	Mid-aged		18.0	14.2	12.6	*78.89*	*78.26*		14.93				
Specimens					(15)	(15)	(15)	(15)	(15)		(15)			(1)	(14)
Totals					282.3	210.4	190.6				227.77			(11.6)	101.5
Averages					18.82	14.03	12.71	*74.5*	*77.4*		15.18				7.25
Minima					17.8	13.4	12.2	*68.9*	*72.8*		14.73				6.7
Maxima					19.8	14.6	13.7	*78.9*	*85.4*		15.57				8.0

ABERRANT

4659	Moscow	Ob River (Southwest of Ostiaks).	Mid-aged		18.8	15.3	13.0	*81.38*	*76.25*		15.70			12.3	7.4
4380	do	do	40		17.9	14.8	12.5	*82.68*	*76.45*		15.07			13.0	7.8
4366	do	do	Elderly		18.0	15.0	13.8	*83.33*	*83.64*		15.60				

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
4382	13.4	-------	*55.22*	10.0	9.0	10.1	69.0	57.5	3.5	3.5	3.7	3.7	*94.59*	*94.59*	5.25	2.55	*48.57*	5.4	[2] 6.5	*83.08*
4358	14.0	-------	*52.86*	10.1	9.3	10.2	69.0	61.5	3.55	3.55	4.0	3.8	*88.75*	*93.42*	5.3	2.85	*53.77*	5.4	6.9	*78.26*
4360 [3]	13.1	-------	*57.25*	10.2	9.3	10.2	68.5	57.5	3.6	3.65	3.65	3.7	*98.63*	*98.65*	5.5	2.3	*41.82*	5.6	6.4	*87.50*
4383 [4]	13.6	-------	*44.41*	10.0	9.3	10.4	71.5	66.0	3.25	3.1	3.75	3.75	*86.67*	*82.67*	5.05	2.6	*51.49*	5.4	6.7	*80.60*
4373 [5]	13.8	-------	*53.62*	10.7	9.8	10.3	66.5	55.0	3.25	3.3	3.85	3.85	*84.43*	*85.71*	5.7	2.65	*46.49*	5.8	6.5	*89.23*
4395	14.2	-------	*49.30*	10.5	9.4	10.2	68.0	48.5	3.3	3.2	3.7	3.7	*89.19*	*86.49*	5.3	2.7	*50.94*	5.3	6.5	*81.54*
4410	[2] 13.7	-------	*51.82*	10.2	9.6	10.8	75.0	66.0	3.2	3.2	3.9	3.9	*82.05*	*82.05*	5.1	2.5	*49.02*	5.2	6.1	*85.25*
4394	13.8	-------	-------	-------	9.3	10.2	-------	-------	3.3	3.5	4.0	3.9	*82.50*	*89.74*	5.3	2.85	*53.77*	-------	-------	-------
4365	13.5	-------	*59.26*	9.7	8.7	9.8	66.0	55.0	3.5	-------	3.65	-------	*95.89*	-------	6.0	2.8	*46.67*	5.3	6.5	*81.54*
4402 [6]	-------	-------	-------	9.9	8.9	10.4	72.0	58.0	3.2	-------	3.8	-------	*84.21*	-------	5.2	2.4	*46.15*	5.3	6.4	*82.81*
4376	13.8	-------	*52.90*	9.4	9.0	10.2	74.0	71.5	3.55	-------	3.8	-------	*93.42*	-------	5.4	2.25	*41.67*	5.1	5.8	*87.93*
4381	13.2	-------	*53.03*	9.6	8.4	9.8	70.5	42.5	3.75	3.75	3.85	3.8	*97.40*	*98.68*	5.5	2.6	*47.27*	5.1	6.2	*82.26*
4375	14.2	-------	*47.18*	9.7	8.9	10.0	72.5	58.5	3.25	3.4	3.7	3.7	*87.84*	*91.89*	4.9	2.65	*54.08*	5.4	7.0	*77.14*
4362	13.9	*83.45*	*49.64*	10.6	9.4	10.2	67.0	46.5	3.5	3.45	3.7	3.8	*94.59*	*90.79*	5.15	2.65	*51.46*	5.3	6.5	*81.54*
4427	13.8	-------	*50.72*	10.0	8.9	9.9	68.5	51.5	3.4	3.55	4.0	3.8	*85.0*	*93.42*	5.1	2.5	*49.02*	5.4	6.4	*84.38*
Specimens	(14)	(1)	(13)	(14)	(15)	(15)	(14)	(14)	(15)	(12)	(15)	(12)	(15)	(12)	(15)	(15)	(15)	(14)	(14)	(14)
Totals	192.0	-------	-------	140.8	137.2	152.7	978.0	795.5	51.1	41.15	57.05	45.4	-------	-------	79.75	38.85	-------	75.0	90.4	-------
Averages	13.71	(*83.45*)	*52.8*	10.06	9.15	10.18	69.9	56.8	3.41	3.43	3.80	3.78	*89.6*	*90.6*	5.32	2.59	*48.7*	5.36	6.46	*83.0*
Minima	13.1	-------	*44.4*	9.4	8.4	9.8	66.0	42.5	3.2	3.1	3.65	3.7	*82.1*	*82.1*	4.9	2.25	*41.7*	5.1	5.8	*77.1*
Maxima	14.2	-------	*59.3*	10.7	9.8	10.8	75.0	71.5	3.75	3.75	4.0	3.9	*98.6*	*98.7*	6.0	2.85	*54.1*	5.8	7.0	*89.2*

ABERRANT

4659	14.4	*85.42*	*51.39*	10.3	9.1	10.0	66.5	51.5	3.4	3.4	3.9	3.9	*87.18*	*87.18*	5.25	2.5	*47.62*	5.6	6.9	*81.16*
4380	13.7	*94.89*	*56.93*	10.5	8.8	9.8	62.5	43.5	-------	3.6	-------	3.6	-------	*100.0*	5.1	2.3	*42.59*	6.0	6.7	*89.55*
4366	13.8	-------	-------	-------	-------	10.1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

[1] See Silineč, I., Voguli, Antrop. Žurnal, vol. 5, pp. 94-115, 1904.
[2] Near.
[3] Vault syphilitic.
[4] Some labial maxillary hyperostosis.
[5] Vault Eskimoid; face Indian-like.
[6] Face and nose rather pronounced.

SIBERIA: VOGUL

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
4369	Moscow Mus.	Ob River (southwest of Ostiaks).	Elderly		19.0	13.6	12.2	*71.58*	*74.85*		14.93				7.1
4415	do	do	45		18.5	13.4	11.8	*72.43*	*73.98*		14.57				7.1
4417 [1]	do	do	Old		17.6	12.8	11.8	*72.73*	*77.63*		14.07				
4393	do	do	Elderly		18.4	13.4	12.2	*72.83*	*76.73*		14.67				6.8
4390	do	do	25		18.2	13.3	12.4	*73.08*	*78.73*		14.63				6.5
4425 [2]	do	do	Old		19.0	14.0	12.6	*73.68*	*76.36*		15.20				7.3
4385	do	do	25		17.2	12.7		*73.84*							6.2
4364	do	do	Elderly		18.1	13.4	11.6	*74.03*	*73.65*		14.37				[3] 6.5
4389 [2]	do	do	55		18.6	13.8	12.4	*74.19*	*76.54*		14.93			[4] 11.9	7.2
4361	do	do	Old		17.9	13.3	11.7	*74.30*	*75.0*		14.30				
4400	do	do	30		17.6	13.1	12.6	*74.43*	*82.08*		14.43				6.2
4413	do	do	35		17.7	13.2	12.5	*74.58*	*80.91*		14.47				6.6
4379	do	do	Mid-aged		18.4	13.8	12.2	*75.0*	*75.78*		14.80				6.8
4386	do	do	do		17.3	13.0	12.3	*75.14*	*81.19*		14.20				6.8
4424	do	do	Old		18.3	13.8	12.0	*75.41*	*74.77*		14.70				
4377	do	do	Elderly		17.6	13.3	11.4	*75.57*	*73.79*		14.10				6.2
4391	do	do	Mid-aged		17.3	13.1	12.4	*75.72*	*81.58*		14.27				7.0
4367 [5]	do	do	do		17.6	13.5	12.4	*76.70*	*79.74*		14.50				6.9
4384	do	do	Elderly		17.6	13.6	12.0	*77.27*	*76.92*		14.40				7.1
4419	do	do	Old		16.7	13.0	12.0	*77.84*	*80.81*		13.90				
4420	do	do	Elderly		17.4	13.6	12.0	*78.16*	*77.42*		14.33				6.8
4405	do	do	30		17.6	13.8	13.1	*78.41*	*83.44*		14.83				
4374	do	do	25		17.5	13.8	11.6	*78.86*	*74.12*		14.30				6.0
4397	do	do	Mid-aged		18.0	14.2	12.9	*78.89*	*80.12*		15.03				6.8
4370	do	do	25		17.0	13.7	11.8	*80.59*	*76.87*		14.17				6.5
4428 [6]	do	do	25		16.6	13.4	12.0	*80.72*	*80.0*		14.0				6.6
4368	do	do	35		17.4	14.2	11.7	*81.61*	*74.05*		14.43				6.9
Specimens			(11)		(27)	(27)	(26)	(27)	(26)		(26)			(1)	(22)
Totals			355		480.10	363.8	315.6				376.53				147.9
Averages			32.3		17.78	13.47	12.14	*75.78*	*77.54*		14.48				6.72
Minima			25.0		16.6	12.7	11.4	*71.58*	*73.65*		13.90				6.0
Maxima			55.0		19.0	14.2	13.1	*81.61*	*83.44*		15.20				7.3

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maximum.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
4369	13.2		*53.79*	10.2	9.0	9.8	66.5	49.5	3.6	3.6	3.9	3.7	*92.31*	*97.30*	5.2	2.55	*49.04*	5.4	6.5	*83.08*
4415	12.5		*56.80*	10.1	8.8	9.4	63.5	48.5	3.3	3.25	3.7	3.7	*89.19*	*87.84*	5.0	2.45	*49.0*	5.4	6.1	*88.52*
4417 [1]	11.4				8.5	9.7														
4393	12.7		*53.54*	9.8	8.9	9.9	70.0	52.0	3.35	3.4	4.0	3.8	*83.75*	*89.47*	5.25	2.7	*51.43*	5.2	6.0	*86.67*
4390	12.8		*50.78*	8.9	8.2	9.4	73.0	69.5	3.5	3.5	3.8	3.8	*92.11*	*92.11*	4.9	2.45	*50.0*	4.5	5.6	*80.36*
4425 [2]	12.9		*56.59*	9.0	8.3	9.8	73.0	62.5	3.8	3.8	3.85	3.85	*98.70*	*98.70*	5.35	2.45	*45.79*			
4385									3.2		3.8		*84.21*		4.5	2.3	*51.11*	5.1	6.0	*85.0*
4364	12.9		*50.89*		8.6	9.6			3.2	3.2	3.55	3.55	*90.14*	*90.14*	4.85	2.4	*49.48*			
4389 [2]	13.3	*89.47*	*54.14*	9.9	8.8	10.0	69.0	51.5	3.7	3.65	4.2	4.1	*88.10*	*89.02*	5.4	2.4	*44.44*	5.3	[3] 6.0	*88.33*
4361	12.7				8.8	9.8			3.25	3.3	3.9	3.8	*83.33*	*86.84*	4.9	2.3	*46.94*			
4400	13.1		*47.35*	10.0	9.2	10.0	72.0	55.5	3.2	3.4	3.9	3.7	*82.05*	*91.89*	4.7	2.55	*54.26*	5.1	6.2	*82.26*
4413	13.0		*50.77*	9.2	8.4	9.8	74.5	53.5	3.35	3.3	3.75	3.7	*89.33*	*89.19*	5.25	2.65	*50.48*	4.9	6.0	*81.67*
4379	13.4		*50.75*	9.1	8.4	9.6	72.0	63.0	3.35	3.55	3.8	3.8	*88.16*	*93.42*	4.9	2.5	*51.02*	4.9	6.1	*80.33*
4386	12.6		*53.97*	9.8	8.8	9.6	67.5	47.0	3.4	3.4	3.9	3.7	*87.18*	*91.89*	5.3	2.4	*45.28*	5.3	6.0	*88.33*
4424	13.0			9.0	8.4	9.8				3.65		3.8		*96.05*	4.8	2.8	*58.33*			
4377	13.0		*47.69*		7.5	8.8			3.45	3.5	3.9	3.7	*88.46*	*94.59*	4.3	2.35	*54.65*			
4391	12.7		*55.12*	10.4	9.0	9.6	63.5	46.0	3.3	3.25	3.7	3.6	*89.19*	*90.28*	4.9	2.5	*51.02*	5.6	6.3	*88.89*
4367 [5]	13.0		*53.08*	9.7	8.7	9.8			3.35	3.3	3.7	3.8	*90.54*	*86.84*						
4384	13.4		*52.99*	9.1	8.0	9.6	71.5	53.5	3.2	3.35	3.9	3.7	*82.05*	*90.54*	5.0	2.3	*46.0*	4.7	5.8	*81.03*
4419	12.4				8.6	9.6				3.5		3.5		*100.0*	5.1	[3] 2.4	*47.06*			
4420	12.8		*53.13*	9.2	8.2	9.4	70.0	54.0	3.6	3.5	4.1	3.9	*87.80*	*89.74*	4.9	2.6	*53.06*	5.0	[3] 5.8	*86.21*
4405				9.3	8.4	9.6									4.9	2.3	*46.94*	5.0	6.2	*80.65*
4374	13.4		*44.78*	9.0	8.3	9.2	73.0	58.0	3.4	3.5	3.7	3.6	*91.89*	*97.32*	4.5	2.4	*53.33*	4.7	6.2	*75.81*
4397	14.2		*47.89*	9.2	8.8	10.2	77.0	67.0	3.55	3.6	4.1	3.9	*86.59*	*92.31*	5.4	2.85	*52.78*			
4370	13.0		*50.6*	9.1	8.0	9.2	70.0	45.0	3.2	3.15	3.7	3.7	*86.49*	*85.14*	4.95	2.4	*48.48*	5.1	6.4	*79.69*
4128 [6]	[3] 12.5		*52.80*	9.7	8.6	9.0	64.0	54.0	3.1	3.15	(23.6	3.45	*86.11*	*91.30*	4.45	2.5	*56.18*	5.3	6.0	*88.33*
4368	12.5		*55.20*	9.2	8.4	9.5	70.5	57.0	3.05	3.2	83.8	3.7	*80.26*	*86.49*	5.2	2.7	*51.92*	4.6	6.5	*70.77*
Specimens	(25)	(1)	(21)	(21)	(26)	(26)	(18)	(18)	(23)	(24)	(23)	(24)	(23)	(24)	(25)	(25)	(25)	(18)	(18)	(18)
Totals	322.4			198.9	221.6	249.7	1,260.5	987.0	77.4	82.0	8.25	89.55			123.9	62.20		91.10	109.7	
Averages	12.90	*89.47*	*51.92*	9.47	8.52	9.60	70.03	54.83	3.37	3.42	3.84	3.73	*87.71*	*91.67*	4.96	2.49	*50.20*	5.06	6.09	*83.04*
Minima	11.4		*44.78*	8.9	7.5	8.8	63.5	45.0	3.05	3.15	3.55	3.45	*80.26*	*85.14*	4.3	2.3	*44.44*	4.5	5.6	*70.77*
Maxima	14.2		*56.80*	10.4	9.2	10.2	77.0	69.5	3.8	3.8	4.2	4.1	*98.70*	*100.0*	5.4	2.85	*58.33*	5.6	6.5	*88.89*

[1] Upper median incisors lost long ago.
[2] Right upper median incisor lost long ago.
[3] Near.
[4] Allowance made for wear of teeth.
[5] Right upper median incisor torn out long ago.
[6] Vault syphilitic.

SIBERIA: TUNGUS (MOSCOW SERIES)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
8071	Moscow Mus	Near Tampa River	35		19.8	14.4	13.0	*72.7*	*76.0*		15.73				7.7
8069	do	"Dagar"	40		19.0	13.9	12.6	*73.2*	*76.6*		15.17				7.5
8078	do	do	50		19.2	14.1	13.4	*73.4*	*80.5*		15.57				8.5
8080	do	do	40		19.4	14.5	12.9	*74.7*	*76.1*		15.60			13.4	8.0
8078*a*	do	do	30		19.2	14.4	13.4	*75.0*	*79.8*		15.67			11.8	7.2
8089	do	Northeast of Lake Baikal.	30		19.4	14.8	13.9	*76.3*	*81.3*		16.03				6.5
8087	do	"Dagar"	20		19.1	14.6	12.6	*76.4*	*74.8*		15.43			11.8	7.2
8085	do	Northeast of Lake Baikal.	35		19.2	14.7	13.4	*76.6*	*79.1*		15.77				7.6
4635	do	Primorskaia Obl	50		18.0	13.8	12.8	*76.7*	*80.5*		14.87				7.4
8076	do	"Dagar"	50		19.4	15.3	13.2	*78.9*	*76.1*		15.97				8.0
4634	do	Primorskaia Obl	45		18.3	14.5	13.7	*79.2*	*83.5*		15.50				7.8
Specimens			(11)		(11)	(11)	(11)	(11)	(11)		(11)			(3)	(11)
Totals			425		210.0	159.0	144.9				171.31			37.0	83.4
Averages			38.6		19.09	14.45	13.17	*75.71*	*78.54*		15.57			12.33	7.58
Minima			20		18.0	13.8	12.6	*72.7*	*74.8*		14.87			11.8	6.5
Maxima			50		19.8	15.3	13.9	*79.2*	*83.5*		16.03			13.4	8.5

FEMALES

8077	Moscow Mus	Northeast of Lake Baikal.	40		18.3	13.8	11.8	*75.41*	*73.52*		14.63					7.4
8082	do	do	30		17.2	13.2	11.3	*76.74*	*74.34*		13.90					
8083	do	do	30		18.2	14.0	11.7	*76.92*	*72.67*		14.63					6.8
8079	do	do	40		17.4	13.4	11.6	*77.01*	*75.32*		14.13					7.2
8081 (slightly ♂-like).	do	do	35		18.9	14.6	12.2	*77.25*	*72.84*		15.23					7.2
8074	do	do	35		17.2	13.5	12.0	*78.49*	*78.18*		14.23				11.7	7.3
8073	do	do	25		17.4	13.7	12.0	*78.74*	*77.17*		14.37					7.3
8070	do	do	35		17.3	13.8	11.9	*79.77*	*76.53*		14.33					7.1
8086	do	do	35		18.3	14.6	12.6	*79.78*	*76.60*		15.17					7.5
8084	do	do	25		17.4	14.0	12.2	*80.46*	*77.71*		14.53				12.0	7.8
															[1]10.4	6.5
Specimens			(10)		(10)	(10)	(10)	(10)	(10)		(10)				(3)	(10)
Totals			330		177.6	138.6	119.3				145.15				34.10	72.10
Averages			33		17.76	13.86	11.93	*78.04*	*75.46*		14.52				11.37	7.21
Minima			25		17.2	13.2	11.3	*75.41*	*72.67*		13.90				10.4	6.5
Maxima			40		18.9	14.6	12.6	*80.46*	*78.18*		15.23				12.0	7.8

[1] Near.

SIBERIA: TUNGUS (MOSCOW SERIES)—Continued

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial total Index,* $\left(\frac{a \times 100}{c}\right)$	*Facial upper Index,* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
8071	14.0	-------	*55.0*	10.4	9.4	10.2	66.5	59.0	3.5	3.4	3.8	3.75	*92.1*	*90.7*	5.35	2.7	*50.5*	5.4	7.0	*77.1*
8069	13.6	-------	*55.2*	10.1	9.0	10.0	67.5	52.0	3.5	3.4	3.8	3.7	*92.1*	*91.9*	5.55	2.9	*52.3*	5.1	6.9	*73.9*
8078	14.5	-------	*58.6*	11.2	9.8	10.8	64.5	53.0	3.8	3.8	4.0	3.9	*95.0*	*97.4*	5.8	2.7	*46.6*	6.0	7.2	*83.3*
8080	14.7	*91.2*	*54.4*	10.5	9.3	10.4	67.0	50.0	3.8	3.7	4.2	4.0	*90.5*	*92.5*	6.0	2.7	*45.0*	5.3	6.8	*77.9*
8078a	14.3	*82.5*	*50.4*	10.7	9.8	10.6	69.5	57.0	3.4	3.45	3.8	3.75	*89.5*	*92.0*	5.35	2.8	*52.3*	5.5	6.6	*83.3*
8089	13.0	-------	*50.0*	9.5	8.6	10.3	77.5	51.5	3.25	-------	3.6	-------	*90.3*	-------	5.1	2.6	*51.0*	5.1	6.3	*81.0*
8087	13.5	*87.4*	*53.3*	10.8	9.6	10.4	67.0	49.0	3.45	3.5	4.05	3.9	*85.2*	*89.7*	5.3	2.65	*50.0*	5.5	6.8	*80.9*
8085	14.2	-------	*53.5*	11.3	9.8	10.6	64.5	44.0	3.3	3.4	3.9	3.9	*84.6*	*87.2*	5.4	2.55	*47.2*	5.9	6.7	*88.1*
4635	14.0	-------	*52.9*	10.0	9.0	10.4	71.5	56.0	3.3	3.25	3.7	3.7	*89.2*	*87.8*	5.3	2.5	*47.2*	5.2	7.1	*73.2*
8076	15.3	-------	*52.3*	10.4	9.1	10.2	66.0	50.0	3.65	3.7	4.0	3.9	*91.3*	*94.9*	5.85	2.8	*47.9*	5.7	7.1	*80.3*
4634	13.8	-------	*56.5*	10.3	9.2	10.1	66.0	57.0	3.45	3.55	3.9	3.9	*88.5*	*91.0*	5.1	3.0	*58.8*	5.5	7.0	*78.6*
Specimens	(11)	(3)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(10)	(11)	(10)	(11)	(10)	(11)	(11)	(11)	(11)	(11)	(11)
Totals	154.9	-------	-------	115.2	102.6	114.0	747.5	578.5	38.4	35.15	42.75	38.40	-------	-------	60.1	29.9	-------	60.2	75.5	-------
Averages	14.08	*87.06*	*53.84*	10.47	9.33	10.36	76.95	52.59	3.49	3.52	3.89	3.84	*89.82*	*91.54*	5.46	2.72	*49.75*	5.47	6.86	*79.74*
Minima	13.0	*82.5*	*50.0*	9.5	8.6	10.0	64.5	44.0	3.25	3.25	3.6	3.7	*84.6*	*87.2*	5.1	2.5	*45.0*	5.1	6.3	*73.2*
Maxima	15.3	*91.2*	*58.6*	11.3	9.8	10.8	77.5	59.0	3.8	3.8	4.2	4.0	*95.0*	*97.4*	6.0	3.0	*58.8*	6.0	7.2	*88.1*

FEMALES

8077	13.2	------	*56.06*	9.9	8.8	9.2	62.0	50.5	3.4	3.4	4.0	3.9	*85.0*	*87.18*	5.5	2.65	*48.18*	5.4	6.3	*85.71*
8082	12.3	------	*55.28*	9.1	7.9	8.8	65.0	46.0	3.3	3.3	3.65	3.65	*90.41*	*90.41*	5.0	2.6	*52.0*	4.9	5.8	*84.48*
8083	12.5	------	*57.60*	9.9	8.8	9.6	66.0	53.0	3.15	3.1	3.5	3.4	*90.0*	*91.18*	5.1	2.6	*50.98*	5.1	6.1	*83.61*
8079	12.7	------	*56.69*	9.9	8.6	9.15	62.0	48.0	3.7	3.65	3.85	3.9	*96.10*	*95.59*	5.1	2.9	*56.86*	5.4	6.1	*88.52*
8081	14.1	*82.98*	*51.77*	10.2	8.9	9.4	62.0	47.5	3.6	3.6	3.85	3.95	*93.51*	*91.14*	5.2	2.25	*43.27*	5.4	7.1	*76.06*
8074	12.6	------	*57.94*	9.3	8.0	9.4	67.5	46.0	3.6	3.6	3.8	3.8	*94.74*	*94.74*	5.35	2.7	*50.47*	4.9	5.9	*83.05*
8073	13.3	------	*53.38*	9.5	8.4	9.4	67.0	50.5	3.6	3.6	3.7	3.7	*97.30*	*97.80*	5.25	2.6	*49.52*	5.3	6.2	*85.48*
8070	12.7	------	*59.06*	10.4	8.9	9.7	63.0	44.0	3.5	3.45	3.6	3.5	*97.22*	*98.57*	5.35	2.4	*44.86*	5.3	6.2	*85.48*
8086	13.4	*89.55*	*58.21*	10.3	9.0	10.1	66.0	47.5	3.7	3.75	3.9	3.8	*94.87*	*98.68*	5.8	2.75	*47.41*	5.6	6.1	*91.80*
8084	14.0	*74.29*	*46.43*	9.1	8.1	9.1	69.0	52.0	3.45	3.55	3.9	3.7	*88.46*	*95.95*	4.8	2.4	*50.0*	5.0	6.3	*79.37*
Specimens	(10)	(3)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Totals	130.8	------	------	97.60	85.40	93.85	649.5	485.0	35.0	35.0	37.75	37.30	------	------	52.45	25.85	------	52.30	62.10	------
Averages	13.08	*82.17*	*55.12*	9.76	8.54	9.39	64.95	48.50	3.50	3.50	3.78	3.73	*92.72*	*93.83*	5.25	2.59	*49.29*	5.23	6.21	*84.22*
Minima	12.3	*74.29*	*46.43*	9.1	7.9	8.8	62.0	44.0	3.15	3.1	3.5	3.4	*85.0*	*87.18*	4.8	2.25	*43.27*	4.9	5.8	*76.06*
Maxima	14.1	*89.55*	*59.06*	10.4	9.0	10.1	69.0	53.0	3.7	3.75	4.0	3.95	*97.30*	*98.68*	5.8	2.9	*56.86*	5.6	7.1	*91.80*

SIBERIA: TUNGUS (LENINGRAD SERIES)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
730-2	Leningrad Mus.	Mouth of Angara River.			18.2	14.2	12.2	*78.02*	*75.31*		14.87			12.5	8.0
5537-2	do	Urmi River, Chabarovsk region.			18.3	15.0	13.0	*81.97*	*78.08*		15.43			12.4	7.5
5192-1	do	Lake Essei			18.0	15.0	12.3	*83.33*	*74.55*		15.10			12.2	7.4
5146-4	do	Lower Tunguska			17.8	15.1	13.5	*84.83*	*82.07*		15.47				7.5
5192-2	do	Lake Essei			17.6	15.4	12.5	*87.50*	*75.76*		15.17			13.0	8.3
1200-6	do	Turchanski Kraj			17.0	14.9	12.6	*87.65*	*79.0*		14.83			12.4	7.6
Specimens					(6)	(6)	(6)	(6)	(6)		(6)			(5)	(6)
Totals					106.9	89.6	76.10				90.87			62.50	46.3
Averages					17.82	14.93	12.68	*83.82*	*77.46*		15.15			12.50	7.72
Minima					17.0	14.2	12.2	*78.02*	*74.55*		14.83			12.2	7.4
Maxima					18.3	15.4	13.5	*87.65*	*82.07*		15.47			13.0	8.3

FEMALES

730-1	Leningrad Mus.	Mouth of Angara River.			18.0	14.2	13.1	*78.89*	*81.97*		15.10			11.7	7.4
5537-1	do	Chabarovsk region			17.0	13.6	12.0	*80.0*	*78.43*		14.20			11.2	6.9
5537-3	do	do			17.4	14.0	11.8	*80.46*	*75.16*		14.40			10.8	6.9
5275-1	do	Yenisei River			17.7	14.3	12.5	*80.79*	*78.13*		14.83			10.3	6.6
5537-7	do	Chabarovsk region			16.7	13.8	12.4	*82.63*	*81.31*		14.30			11.2	6.6
5146-5	do	Lower Tunguska			18.0	14.9	12.8	*82.78*	*77.81*		15.23				7.0
5242-1	do	(?)			17.0	14.2	11.8	*83.53*	*75.64*		14.33				7.2
5275-2	do	Yenisei River			17.6	15.2	13.0	*86.36*	*79.27*		15.27			11.1	6.8
5240-1	do	do			17.0	15.1	11.8	*88.82*	*73.52*		14.63			11.2	6.9
Specimens					(9)	(9)	(9)	(9)	(9)		(9)			(7)	(9)
Totals					156.40	129.30	111.2				132.29			77.50	62.30
Averages					17.38	14.37	12.36	*82.67*	*77.84*		14.70			11.07	6.92
Minima					16.7	13.6	11.8	*78.89*	*73.52*		14.20			10.3	6.6
Maxima					18.0	15.2	13.1	*88.82*	*81.97*		15.27			11.7	7.4

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial total Index,* $\left(\frac{a \times 100}{c}\right)$	*Facial upper Index,* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
730–2	13.8	*90.58*	*57.97*	10.4	9.2	10.4	67.0	51.0	3.25	3.4	3.9	3.7	*83.33*	*91.89*	5.95	2.85	*47.90*	5.3	6.3	*84.13*
5537–2	14.6	*84.93*	*41.37*	10.3	9.3	10.5	70.0	55.0	3.25	3.25	4.0	3.7	*81.25*	*87.84*	5.55	2.65	*47.75*	5.4	6.5	*83.08*
5192–1	14.8	*82.43*	*50.0*	10.2	9.2	10.0	67.0	57.5	3.55	3.55	4.0	3.9	*88.75*	*91.03*	5.15	2.6	*50.49*	5.3	6.7	*79.10*
5146–4	14.1	------	*53.19*	9.9	8.6	10.2	70.5	49.0	3.15	3.2	3.7	3.7	*85.14*	*86.49*	5.5	2.65	*48.18*	5.7	7.1	*80.28*
5192–2	14.4	*90.28*	*47.64*	10.5	9.2	9.9	62.0	53.0	3.5	3.65	4.0	4.1	*87.50*	*89.02*	5.75	2.65	*46.09*	5.5	6.1	*90.16*
1200–6	14.1	*87.94*	*53.90*	10.0	8.8	9.8	66.0	48.5	3.6	3.7	4.2	4.0	*85.71*	*92.50*	5.7	2.5	*43.86*	5.4	6.4	*84.38*
Specimens	(6)	(5)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Totals	85.8	------	------	61.3	54.30	60.80	402.5	314.0	20.30	20.75	23.80	23.10	------	------	33.60	15.90	------	32.60	39.10	------
Averages	14.30	*87.17*	*53.96*	10.22	9.05	10.13	67.08	52.33	3.38	3.46	3.97	3.85	*85.29*	*89.83*	5.6	2.65	*47.32*	5.43	6.52	*83.38*
Minima	13.8	*82.43*	*41.37*	9.9	8.6	9.8	62.0	48.5	3.15	3.2	3.7	3.7	*81.25*	*86.49*	5.15	2.5	*43.86*	5.3	6.1	*79.10*
Maxima	14.8	*90.58*	*57.97*	10.5	9.3	10.5	70.5	57.5	3.6	3.7	4.2	4.1	*88.75*	*92.50*	5.95	2.85	*50.49*	5.7	7.1	*90.16*

FEMALES

730–1	12.6	*92.86*	*58.73*	9.4	8.4	9.6	68.0	53.0	3.5	3.55	3.5	3.4	*100.0*	*104.41*	5.5	2.6	*47.27*	4.8	6.4	*75.0*
5537–1	13.2	*84.85*	*52.27*	10.0	9.0	9.9	69.0	55.5	3.15	3.1	3.7	3.6	*85.14*	*86.11*	4.85	2.5	*51.55*	5.0	6.7	*74.63*
5537–3	12.8	*84.38*	*53.91*	9.4	8.5	9.4	68.0	57.0	3.2	3.15	3.5	3.4	*91.43*	*92.65*	5.0	2.3	*46.0*	5.0	6.5	*76.92*
5275–1	13.6	*75.74*	*48.53*	9.7	8.7	9.6	69.0	51.0	3.4	3.35	3.7	3.65	*91.89*	*91.78*	4.9	2.5	*51.02*	4.9	6.4	*76.56*
5537–7	13.3	*84.21*	*49.62*	9.6	8.7	9.5	69.0	48.0	3.1	3.15	3.8	3.7	*81.58*	*85.14*	4.4	2.4	*54.55*	5.0	6.2	*80.65*
5146–5	13.4	------	*52.24*	9.9	8.5	9.8	68.0	44.5	3.55	3.65	4.0	3.8	*88.75*	*96.05*	5.1	2.6	*50.98*	5.3	6.2	*85.48*
5242–1	12.7	------	*56.69*	10.6	9.4	9.6	61.5	51.5	3.15	3.15	3.5	3.4	*90.0*	*92.65*	5.0	2.55	*51.0*	5.5	6.6	*83.33*
5275–2	13.8	*80.43*	*49.28*	9.8	8.7	9.7	68.5	52.0	3.05	3.05	3.5	3.5	*87.14*	*87.14*	4.9	2.5	*51.02*	5.1	6.5	*78.46*
5240–1	13.2	*84.85*	*52.27*	10.0	8.5	9.2	62.5	42.0	3.2	3.2	3.7	3.7	*86.49*	*86.49*	4.9	2.6	*53.06*	5.4	6.1	*88.52*
Specimens	(9)	(7)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
Totals	118.6	------	------	88.40	78.40	86.30	603.5	454.5	29.30	29.35	32.90	32.15	------	------	44.55	22.55	------	46.0	57.6	------
Averages	13.18	*83.78*	*52.53*	9.82	8.71	9.59	67.06	50.50	3.26	3.26	3.66	3.57	*89.06*	*91.29*	4.95	2.51	*50.62*	5.11	6.40	*79.86*
Minima	12.6	*75.74*	*48.53*	9.4	8.4	9.2	61.5	42.0	3.05	3.05	3.5	3.4	*81.58*	*85.14*	4.4	2.3	*46.0*	4.8	6.1	*74.63*
Maxima	13.8	*92.86*	*58.73*	10.6	9.4	9.9	69.0	57.0	3.55	3.65	4.0	3.8	*100.0*	*104.41*	5.5	2.6	*54.55*	5.5	6.7	*88.52*

SIBERIA: BURIAT (U.S.N.M. SERIES)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
283607	*A. H.* U.S.N.M.	Near Troickosavsk (Kiakhta).	60		18.7	14.5	13.0	*77.5*	*78.3*		15.40	1,590.0			
283614	do	do	25		18.4	14.3	13.8	*77.7*	*84.4*		15.50	1,605.0			7.4
283606	do	do	30		18.0	14.0	13.2	*77.8*	*82.6*		15.07	1,520.0		13.3	8.1
278703	do	do	28		17.8	14.0	13.4	*78.7*	*84.3*		15.07	1,400.0		11.4	7.0
283620	do	do	40		19.2	15.2	13.2	*79.2*	*76.7*		15.87	1,650.0			7.4
278707	do	do	40		18.0	14.4	13.3	*80.0*	*82.1*		15.23	1,490.0		11.5	
283608	do	do	25		18.0	14.6	13.0	*81.1*	*79.8*		15.20	1,545.0			7.3
283604	do	do	35		18.2	15.1	12.9	*83.0*	*77.5*		15.40	1,490.0			8.2
283615	do	do	50		17.4	14.6	13.0	*83.9*	*81.3*		15.00	1,570.0		13.7	8.2
278716	do	do	40		18.2	15.3	12.8	*84.1*	*76.4*		15.43	1,550.0			7.7
278701	do	do	45		17.7	14.9	13.6	*84.2*	*83.4*		15.40	1,540.0			7.4
283613	do	do	35		18.2	15.4	13.8	*84.6*	*82.1*		15.80	1,640.0		12.6	7.6
283621	do	do	60		17.6	14.9		*84.7*							
278706	do	do	60		17.7	15.0	12.4	*84.8*	*75.8*		15.03	1,470.0		13.0	7.6
278705	do	do	75		18.1	15.5	12.9	*85.6*	*76.8*		15.50	1,500.0			
283612	do	do	35		17.3	15.1	12.7	*87.3*	*73.4*		15.03	1,500.0			7.6
278711	do	do	60		17.6	15.4	12.9	*87.5*	*78.2*		15.30	1,450.0		[3] 12.7	7.9
278710	do	do	24		18.5	16.2	13.9	*87.6*	*80.1*		16.20	1,915.0			7.1
283609	do	do	55		17.6	15.5	12.9	*88.1*	*77.9*		15.33	1,520.0		13.6	8.1
Specimens			(19)		(19)	(19)	(18)	(19)	(18)		(18)	(18)		(8)	(15)
Totals			822		342.2	283.9	236.7				276.76	27,945.0		101.8	114.6
Averages			43.3		18.01	14.91	13.15	*82.96*	*79.75*		15.38	1,552.5		12.73	7.64
Minima			24		17.3	14.0	12.4	*77.5*	*75.8*		15.00	1,400.0		11.4	7.0
Maxima			75		19.2	16.2	13.9	*88.1*	*84.4*		16.20	1,915.0		13.7	8.2

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
283607	14.3				9.3	10.3			3.4	3.45	4.1	4.05	*82.9*	*85.2*	5.35	2.9	*54.2*				
283614				9.6	8.6	10.2	72.0	55.5		3.35		3.55		*94.4*	5.35	2.6	*48.6*	5.1	6.7	*76.1*	
283606	13.7	*97.1*	*59.1*	10.4	9.2	10.0	63.5	56.0	3.5	3.6	3.65	3.65	*95.9*	*98.6*	5.45	2.6	*47.7*	5.6	6.9	*81.2*	4.1
278708	13.9	*82.0*	*50.4*	8.9	8.2	9.6	73.0	61.0	3.45	3.4	3.75	3.75	*92.0*	*90.7*	5.1	2.35	*46.1*	4.9	6.4	*76.6*	3.1
283620	13.8		*53.6*	10.5	9.4	10.5	69.0	55.0		3.5		3.6		*97.2*	5.15	2.7	*52.4*	5.4	6.5	*83.1*	
278707	13.6	*84.6*			8.8	9.9			3.15	3.35	3.8	3.8	*82.9*	*88.2*	5.0	2.65	*53.0*	5.2	6.5	*80.0*	3.3
283608	13.4		*54.5*	9.6	8.4	9.6	67.5	46.0	3.35	3.35	3.5	3.5	*95.7*	*95.7*	5.5	2.55	*46.4*	5.4	6.5	*83.1*	
283604	14.3		*57.3*	10.2	9.1	10.4	67.5	55.0	3.4	3.4	3.9	4.0	*87.2*	*85.0*	6.0	3.0	*50.0*	5.5	6.4	*85.9*	
283615	13.5	*101.48*	*60.7*	9.5	8.1	9.4	63.5	51.0	3.65	3.5	3.85	3.85	*94.8*	*90.9*	5.6	2.7	*48.2*	5.4	5.9	*91.5*	3.95
278716	14.3		*53.8*	10.0	8.8	10.0	67.0	50.5	3.55	3.45	3.7	3.7	*95.9*	*93.2*	5.65	2.5	*44.2*	5.5	6.7	*82.1*	
278701	13.5		*54.8*	9.7	8.8	10.1	70.5	59.0	3.2	3.15	3.8	3.7	*84.2*	*85.1*	5.25	2.75	*52.4*				[2] 3.4
283613	14.4	*87.5*	*52.8*	9.0	8.2	10.4	76.5	59.0	3.55	3.65	4.0	4.0	*88.8*	*91.3*	5.7	2.6	*45.6*	4.9	6.5	*75.4*	3.4
283621																					
278706	13.7	*94.9*	*55.5*	9.7	8.4	9.4	64.5	49.5	3.8	3.85	3.75	3.9	*101.3*	*98.7*	5.4	2.7	*50.0*	5.6	6.2	*90.3*	3.9
278705	13.5				9.4	10.7			3.3	3.2	3.75	3.75	*88.0*	*85.3*	5.4	2.7	*50.0*				
283612	14.1		*53.9*	9.9	8.4	9.6	65.0	43.5	3.45	3.4	3.5	3.65	*101.5*	*93.2*	5.5	2.5	*45.5*	5.3	6.6	*80.3*	
278711	14.8	*85.8*	*53.4*	10.5	9.6	10.0	64.0	59.0	3.65	3.65	3.9	3.85	*93.6*	*94.8*	5.75	2.75	*47.8*	5.9	6.9	*85.5*	3.35
278710	13.5		*52.6*	10.3	9.0	9.4	62.0	47.0	3.05	3.05	3.6	3.5	*84.7*	*87.1*	5.1	2.9	*56.9*	5.8	7.1	*81.7*	
283609	14.6	*93.2*	*55.5*	9.6	8.2	9.5	64.0	50.5	3.55	3.5	3.85	3.85	*92.2*	*90.9*	5.6	2.55	*45.5*	5.5	7.1	*77.5*	3.75
Specimens	(17)	(8)	(15)	(15)	(18)	(18)	(15)	(15)	(16)	(18)	(16)	(18)	(16)	(18)	(18)	(18)	(18)	(15)	(15)	(15)	(8)
Totals	236.9			147.4	157.9	179.0	1,099.5	797.5	55.0	61.80	60.4	67.65			97.85	48.0		81.0	98.9		32.25
Averages	13.94	*90.73*	*54.81*	9.83	8.77	9.94	67.30	53.17	3.44	3.43	3.78	3.76	*91.06*	*91.35*	5.44	2.67	*49.05*	5.40	6.59	*81.90*	4.0
Minima	13.4	*82.0*	*50.4*	8.9	8.1	9.4	62.0	43.5	3.05	3.05	3.5	3.5	*82.9*	*85.0*	5.0	2.35	*44.2*	4.9	5.9	*75.4*	3.1
Maxima	14.8	*101.48*	*60.7*	10.5	9.6	10.7	76.5	61.0	3.8	3.85	4.1	4.05	*101.5*	*98.7*	6.0	3.0	*56.9*	5.9	7.1	*91.5*	4.1

[1] Extraordinarily difficult in these people to estimate age.
[2] Near.
[3] Allowance made for wear of teeth.

SIBERIA: BURIAT (IRKUTSK SERIES)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
7539-10	Irkutsk Mus.	Ostraia Sopka, near Kiakhta.	30		18.4	14.8	14.0	*80.43*	*84.34*	*94.59*	15.73				
7539-5	do	do	25		18.5	15.0	13.1	*81.08*	*78.21*	*87.33*	15.53				8.0
7539-17	do	do	24		18.2	14.8	12.6	*81.32*	*76.36*	*85.14*	15.20				7.5
7539-9	do	do	30		18.4	15.0	13.3	*81.52*	*79.64*	*88.67*	15.57				7.7
7003-1	do	do	Mid-aged		18.3	15.0	13.0	*81.97*	*78.08*	*86.67*	15.43				8.1
7539-18	do	Balaganski	do		18.8	16.1	12.9	*85.64*	*73.93*	*80.12*	15.93				8.3
7539-16	do	Ostraia Sopka, near Kiakhta.	28		17.9	15.4	13.0	*86.03*	*78.08*	*84.42*	15.43				7.7
7539-6	do	do	40		17.6	15.3	13.4	*86.93*	*81.46*	*87.58*	15.43				7.7
7874-3	do	?	30		17.4	15.2	13.6	*87.56*	*83.44*	*89.47*	15.40				7.5
7539-1	do	Ostraia Sopka, near Kiakhta.	25		17.9	16.0	12.3	*89.39*	*72.57*	*76.88*	15.10				7.7
Specimens			(8)		(10)	(10)	(10)	(10)	(10)	(10)	(10)				(9)
Totals			232		181.4	152.6	131.2				155.05				70.20
Averages			29		18.14	15.26	13.12	*84.12*	*78.56*	*85.98*	15.51				7.8
Minima			24		17.4	14.8	12.3	*80.43*	*72.57*	*76.88*	15.20				7.5
Maxima			40		18.8	16.1	14.0	*89.39*	*84.34*	*94.59*	15.93				8.3

Catalog No.	Diam. Blzygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maximum.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
7539–10	14.2	------	------	------	9.0	10.3	------	------	3.6	3.5	3.9	3.8	*92.31*	*92.11*	5.3	2.7	*50.94*	------	------	------
7539–5	14.0	------	------	10.3	8.8	10.0	65.0	48.0	3.8	3.8	3.9	3.8	*97.44*	*100.0*	5.6	2.5	*44.64*	5.6	6.5	*86.16*
7539–17	13.8	*64.35*	*67.14*	9.9	8.9	10.0	68.5	54.0	3.5	3.4	3.7	3.6	*91.89*	*97.22*	5.6	2.5	*44.64*	5.3	6.1	*86.89*
7539–9	13.2	*68.33*	9.7	8.8	10.0	69.0	60.0	3.6	3.8	3.6	*94.74*	*100.0*	5.4	2.35	*43.52*	5.5	6.6	*83.33*		
7003–1	14.6	*65.48*	10.6	9.2	10.2	64.5	51.5	3.3	4.1	3.9	*80.49*	*85.90*	5.55	2.7	*48.65*	5.6	6.6	*84.85*		
7539–18	15.0	*65.33*	9.6	8.5	9.8	66.0	57.5	3.75	4.0	3.9	*93.75*	*97.44*	5.75	2.7	*46.96*	5.4	7.1	*76.06*		
7539–16	14.1	*54.61*	9.6	8.6	10.2	71.0	55.5	3.35	4.0	3.8	*83.75*	*89.47*	5.65	2.6	*46.02*	5.1	6.6	*77.97*		
7539–6	13.8	*65.80*	9.9	8.7	9.9	67.0	50.5	3.55	3.7	3.6	*95.96*	*101.39*	5.6	2.8	*50.00*	5.5	6.8	*80.88*		
7574–3	13.9	*63.96*	10.3	9.2	10.7	72.0	54.0	3.45	4.05	4.0	*85.19*	*87.50*	5.4	2.45	*45.37*	5.4	6.3	*85.71*		
7539–1	14.2	*64.23*	10.2	8.9	9.6	62.5	48.5	3.7	3.65	3.6	*101.37*	*104.17*	5.55	2.55	*45.95*	5.6	7.1	*78.87*		
Specimens	(10)	------	(9)	(10)	(10)	(10)	(9)	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(9)	(9)	(9)
Totals	140.8	------	90.10	88.60	100.70	605.50	479.5	35.50	35.85	37.60	*91.49*	*95.35*	55.40	25.85	46.66	49.00	59.70	*82.08*		
Averages	14.1	------	10.0	8.86	10.1	67.3	53.3	3.55	3.59	3.76	*80.49*	*85.90*	5.54	2.59	*43.52*	5.45	6.63	*76.06*		
Minima	13.2	*53.96*	9.6	8.5	9.6	62.5	48.0	3.3	3.35	3.6	*101.37*	*104.17*	5.3	2.45	*50.94*	5.1	6.1	*86.89*		
Maxima	15.0	*68.33*	10.6	9.2	10.7	72.0	60.0	3.8	4.1	4.0			5.75	2.8		5.6	7.1			

[1] Near.

SIBERIA: BURIAT (U.S.N.M. SERIES)

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Ilrdlicka's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
283625	U.S.N.M.	Near Troickosavsk	70		17.7	13.8	12.7	*78.0*	*80.6*		14.73				
283704	do	do	26		18.2	14.3	13.2	*78.6*	*81.2*		15.23	1,150		11.3	7.4
278709	do	do	70		17.9	14.5	12.2	*81.0*	*75.3*		14.87	1,335			
283602	do	do	30		17.3	14.2	12.6	*82.1*	*80.0*		14.70	1,340			7.8
283611	do	do	40		18.0	14.9	12.6	*82.8*	*76.6*		15.17	1,350			
283610	do	do	50		17.3	14.4	12.5	*83.2*	*78.9*		14.73	1,370			6.6
283619	do	do	35		16.8	14.0	12.1	*83.3*	*78.6*		14.30	1,300			6.9
283617	do	do	35		16.5	13.8	12.9	*83.6*	*85.1*		14.40	1,210			6.9
278703	do	do	55	Asymmetrical	17.4	14.7	12.3	*84.5*	*76.7*		14.80	1,470		12.6	7.7
283601	do	do	35		17.6	15.0	12.4	*85.2*	*76.1*		15.00	1,410			6.9
283702 (large ♀)	do	do	40		17.8	15.4	12.4	*86.5*	*74.7*		15.20	1,415		[1]12.7	7.9
278712	do	do	55		17.0	14.9	12.4	*87.7*	*77.7*		14.77	1,350		[1]12.2	[1]7.4
283603	do	do	30		17.1	15.2	12.5	*88.9*	*77.4*		14.93	1,440			7.4
283626	do	do	60		17.3	15.4	12.7	*89.0*	*77.7*		15.13				
Specimens			(14)		(14)	(14)	(14)	(14)	(14)		(14)	(12)		(4)	(10)
Totals			631		243.9	204.5	175.5				207.96	16,440		48.80	72.90
Averages			45.1		17.42	14.61	12.54	*83.85*	*78.28*		14.85	1,370		12.29	7.29
Minima			26		16.5	13.8	12.1	*78.0*	*74.7*		14.30	1,210		11.3	6.6
Maxima			70		18.2	15.4	13.2	*89.0*	*85.1*		15.23	1,470		12.7	7.9

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth max. im.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
283625						9.7															
283704	13.1	86.3	56.5	8.9	8.2	9.5	70.5	63.0	3.3	3.35	3.5	3.5	94.3	95.7	5.3	2.6	49.1	5.1	6.3	81.0	3.05
278709	13.3				8.0	9.7			3.6	3.6	3.6	3.5	100.0	102.9	5.35	2.7	50.5				3.2
283602	13.8		56.5	9.1	8.2	9.9	71.0	59.5	3.65	3.7	3.9	3.8	93.6	97.4	5.6	2.75	49.1	4.9	6.5	75.4	
283611																					
283610	13.1	60.4	51.5	9.4	8.4	9.6	71.0	54.0	3.3	3.3	3.7	3.6	89.2	91.7	4.7	2.35	50.0	4.7	6.1	77.1	
283619	[1] 13.4	61.5	53.9	9.0	8.2	9.1	68.5	56.0	3.3	3.35	3.7	3.7	89.2	90.5	5.15	2.4	46.6	4.8	6.1	78.7	
283617	12.8	53.9	51.7	9.5	8.6	9.9	72.5	57.0	3.25	3.2	3.6	3.55	90.3	90.1	5.1	2.6	51.0	4.8	6.1	78.7	
278703	13.4	57.5	52.9	9.5	8.1	9.5	66.0	47.5	3.5	3.5	3.9	3.9	89.7	89.7	5.5	2.6	47.3	[1] 5.9	6.4	89.8	3.05
283601	13.3	51.9	50.4	9.5	8.4	9.4	67.5	52.0	3.45	3.35	3.8	3.75	90.8	89.3	4.9	2.5	51.0	4.9	6.4	76.6	
283702 ♀	13.9	56.8	51.7	8.7	8.7	10.1	66.5	43.5	3.5	3.5	3.8	3.75	92.1	93.3	5.85	2.8	47.9				3.2
278712	14.3	61.7	53.9	9.2	9.2	10.0	66.5	53.0	3.55	3.6	4.15	4.2	85.6	85.7	5.4	2.85	52.8	5.5	6.5	80.0	3.2
283603	14.0	52.9		9.7	8.4	9.5	66.0	48.0	3.6		3.65		98.6		5.3	2.45	46.2	5.5	6.7	82.1	
283626	13.8				8.0	9.6			3.4	3.4	3.9	3.8	87.2	89.5	5.4	2.9	53.7				
Specimens	(12)	(4)	(10)	(10)	(12)	(14)	(10)	(10)	(12)	(11)	(12)	(11)	(12)	(11)	(12)	(12)	(12)	(9)	(9)	(9)	(5)
Totals	162.2	89.21	63.96	95.10	100.4	135.3	686.0	533.5	41.4	37.85	45.2	41.05	91.59	92.20	63.55	31.5	49.57	45.20	56.60	79.86	15.70
Averages	13.52	85.3	60.4	9.51	8.37	9.66	68.60	53.35	3.45	3.41	3.73	3.5	85.5	85.7	5.30	2.63	46.2	5.02	6.29	79.4	3.14
Minima	12.8	94.0	67.5	8.9	8.0	9.1	66.0	43.5	3.25	3.2	3.5	3.5	100.0	102.9	4.7	2.35	53.7	4.7	5.9	76.4	3.05
Maxima	14.3	94.0	67.5	10.3	9.2	10.1	72.5	63.0	3.65	3.7	4.15	4.2	100.0	102.9	5.85	2.9	53.7	5.5	6.7	89.8	3.2

[1] Near.

SIBERIA: BURIAT (IRKUTSK SERIES)

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
7609-1	Irkutsk Mus	(?)	Old		17.8	14.2	12.8	*79.78*	*80.00*	*90.14*	14.93				
6020-15	do	Ostraia Sopka, near Kiakhta.	35		17.6	14.4	13.0	*81.82*	*81.25*	*90.28*	15.00				7.4
7609-12	do	do	20		17.5	14.9	13.0	*83.24*	*80.25*	*87.25*	15.13				7.1
7609-2	do	do	35		16.8	14.0	12.0	*83.33*	*77.92*	*85.71*	14.27				6.9
5531-14	do	do	Old		17.4	14.6	12.4	*83.91*	*77.50*	*84.93*	14.80				
6020-5	do	Suika	25		16.6	14.7	13.2	*88.55*	*84.35*	*89.80*	14.83				7.4
5531-11	do	Ostraia Sopka, near Kiakhta.	Elderly		17.0	15.2	12.4	*89.41*	*77.02*	*81.58*	14.87				
5531-8	do	do	25		16.8	15.2	11.7	*90.48*	*73.13*	*76.97*	14.57				6.9
5531-13	do	do	35		16.8	15.2	12.9	*90.48*	*80.63*	*84.87*	14.97				7.3
5531-7	do	do	Elderly		16.6	15.2	12.6	*91.57*	*79.25*	*82.89*	14.80				7.4
Specimens			(6)		(10)	(10)	(10)	(10)	(10)	(10)	(10)				(7)
Totals			175		170.9	147.6	126.0				148.17				50.4
Averages			29		17.09	14.76	12.60	*86.26*	*79.10*	*85.37*	14.81				7.2
Minima			20		16.6	14.0	11.7	*79.78*	*73.13*	*76.97*	14.27				6.9
Maxima			35		17.8	15.2	13.2	*91.57*	*84.35*	*90.28*	15.13				7.4

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch.—Length maxim.	Upper Alveolar Arch.—Breadth maxim.	*Upper Alveolar Arch.—Index*
7609-1	14.2				9.3	10.4			3.8	3.7	4.0	3.9	*95.0*	*94.87*	5.6	2.9	*51.79*			
6020-15	13.5	*54.81*		9.5	8.4	9.8	70.0	55.0	3.6	3.55	4.1	4.0	*87.80*	*88.75*	5.3	2.75	*51.89*	5.5	6.6	*83.33*
7609-12	13.9				9.4	10.4			3.5	3.4	3.9	3.8	*89.74*	*89.47*	5.15	2.65	*51.46*			
7609-2	13.1	*51.08*		10.6	8.5	9.1	69.0	51.0	3.4	3.5	3.7	3.6	*91.89*	*97.22*	4.95	2.7	*54.55*	5.4	6.5	*83.08*
5531-14	13.3	*52.67*		9.8	8.9	10.0	63.5	46.5	3.6	3.6	3.8	3.8	*94.74*	*94.74*	5.6	2.85	*50.89*	5.3	6.0	*88.33*
6020-5	13.6	*54.41*		9.7	8.5	9.8	68.5	48.5	3.5	3.55	3.9	3.7	*89.74*	*95.95*	5.55	2.55	*45.95*	5.5	6.5	*84.62*
5531-11	13.6				8.5	9.4			3.35	3.4	3.9	3.8	*85.90*	*89.47*	5.05	2.8	*55.45*			
5531-8	14.2	*48.59*		9.3	8.1	9.0	65.5	47.0	3.4	3.6	3.9	3.9	*87.18*	*92.31*	5.1	3.1	*60.78*	4.9	6.7	*73.18*
5531-13	14.3	*51.05*			7.6	9.4			3.25	3.3	3.6	3.55	*90.28*	*92.96*				4.6	6.3	*73.02*
5531-7	13.5	*54.81*			8.5	9.5			3.8	3.7	4.1	3.9	*92.68*	*84.87*	5.2	2.7	*51.92*	5.0	6.3	*79.37*
Specimens	(10)	(7)		(5)	(10)	(10)	(5)	(5)	(10)	(10)	(10)	(10)	(10)	(10)	(9)	(9)	(9)	(7)	(7)	(7)
Totals	137.2			48.9	85.7	99.6	336.5	218.0	35.29	35.30	38.90	37.95	*90.49*	*93.02*	47.50	25.00	52.63	36.2)	44.90	*80.62*
Averages	13.72	*53.10*		9.78	8.57	9.69	67.3	49.6	3.52	3.53	3.89	3.80	*88.75*	*93.22*	5.28	2.78	*55.95*	5.17	6.41	*78.02*
Minima	13.1	*48.59*		9.3	7.6	9.0	63.5	46.5	3.25	3.3	3.6	3.55	*85.90*	*97.22*	4.95	2.55	*45.95*	4.6	6.0	*73.02*
Maxima	14.3	*54.81*		10.6	9.4	10.4	70.0	55.0	3.8	3.7	4.1	4.0	*95.0*		5.6	3.1	*60.78*	5.5	6.7	*83.33*

SIBERIA: BURIAT

(Summary)

MALES

	Approximate age of subject	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	Cranial Module	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion
Specimens	(27)	(29)	(29)	(28)	(29)	(28)	(28)	(8)	(24)	(27)	(8)	(24)	(24)	(28)	(23)
Totals	1,054	523.6	436.5	367.9			431.81	101.8	184.8	377.7			237.5	246.5	279.7
Averages	39	18.06	15.05	13.14	*83.37*	*79.32*	15.42	12.73	7.70	14.0	*90.73*	*55.05*	9.90	8.80	9.90
Minima	21	17.3	14.0	12.3	*77.5*	*72.57*	15.00	11.4	7.0	13.2	*82.0*	*50.4*	8.9	8.1	9.4
Maxima	75	19.2	16.2	14.0	*89.39*	*84.4*	16.29	13.7	8.3	15.0	*101.48*	*60.7*	10.6	9.6	10.7

FEMALES

Specimens	(20)	(21)	(24)	(24)	(24)	(24)	(24)	(4)	(17)	(22)	(4)	(17)	(15)	(22)	(24)
Totals	806	414.8	352.1	301.5			356.13	48.80	123.3	299.4			144.0	186.1	232.2
Averages	40.3	17.28	14.67	12.56	*84.88*	*78.03*	14.84	12.20	7.25	13.61	*89.21*	*53.33*	9.60	8.46	9.68
Minima	20	16.5	13.8	11.7	*78.0*	*73.13*	11.27	11.3	6.6	12.8	*85.3*	*48.59*	8.9	7.6	9.1
Maxima	70	18.2	15.4	13.2	*91.57*	*85.1*	15.23	12.7	7.9	14.3	*94.0*	*57.5*	10.6	9.4	10.4

MALES

	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*	Lower Jaw.—Height at Symphysis
Specimens	(24)	(24)	(26)	(28)	(26)	(28)	(26)	(28)	(28)	(28)	(28)	(24)	(24)	(24)	(8)
Totals	1,615.0	1,277.0	90.50	97.65	99.2	105.25			153.25	73.85		130.0	158.6		32.25
Averages	67.29	53.21	3.48	3.49	3.82	3.76	*91.23*	*92.78*	5.47	2.64	*48.19*	5.42	6.61	*81.97*	4.03
Minima	62.0	43.5	3.05	3.05	3.5	3.5	*80.49*	*85.0*	5.0	2.35	*43.52*	4.9	5.9	*75.4*	3.1
Maxima	76.5	61.0	3.8	3.85	4.1	4.05	*101.5*	*104.17*	6.0	3.0	*56.9*	5.9	7.1	*91.5*	4.1

FEMALES

Specimens	(15)	(15)	(22)	(21)	(22)	(21)	(22)	(21)	(21)	(21)	(21)	(16)	(16)	(16)	(5)
Totals	1,022.5	781.5	76.6	73.15	84.1	79.0			111.05	56.5		81.4	101.5		15.70
Averages	68.17	52.10	3.48	3.48	3.82	3.76	*91.08*	*92.59*	5.29	2.69	*50.83*	5.09	6.34	*80.20*	3.14
Minima	63.5	43.5	3.25	3.2	3.5	3.5	*85.5*	*85.7*	4.7	2.35	*45.95*	4.6	5.9	*73.02*	3.05
Maxima	72.5	63.0	3.8	3.7	4.15	4.2	*100.0*	*102.9*	5.85	3.1	*60.78*	5.5	6.7	*89.8*	3.2

SIBERIA: ULCHI—D

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella and maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
8270	Moscow Mus.	Mouth of Amur River	Mid-aged		19.8	14.2	13.6	*71.72*	*80.0*		15.87			12.8	[2]7.6
8275	do	do	Elderly		18.0	13.3	14.0	*73.89*	*89.46*		15.10				7.8
8264	do	do	do		18.8	14.0	13.0	*74.47*	*79.27*		15.27				7.9
8281	do	do	do		18.0	13.8	13.1	*76.67*	*82.39*		14.97			11.9	7.5
Specimens					(4)	(4)	(4)	(4)	(4)		(4)			(2)	(4)
Totals					74.60	55.3	53.7				61.21			21.70	30.80
Averages					18.65	13.83	13.43	*74.15*	*82.68*		15.30			12.35	7.70
Minima					18.0	13.3	13.0	*71.7*	*79.3*		14.97				7.5
Maxima					19.8	14.2	14.0	*76.7*	*89.5*		15.87				7.9

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella and maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
8265	Moscow Mus.	Mouth of Amur River	Old		17.9	13.4	12.6	*74.86*	*80.51*		14.63				
8261	do	do	do		17.6	13.2	12.3	*75.0*	*79.87*		14.37				
8268	do	do	Mid-aged		18.0	13.8	12.8	*76.67*	*80.50*		14.87				7.1
8277	do	do	40		17.8	13.8	12.2	*77.53*	*77.22*		14.60				7.2
8282 [3]	do	do	25		18.2	14.3	12.8	*78.57*	*78.77*		15.10				[2]7.3
8255 [4]	do	do	40		18.2	14.4	12.6	*79.12*	*77.30*		15.07			12.1	7.8
8251	do	do	25		17.6	14.0	12.4	*79.55*	*78.48*		14.67				7.3
8259 [5]	do	do	35		17.2	13.8	12.6	*80.23*	*81.29*		14.53				7.0
8260 (small, perhaps ♀)	do	do	35		17.2	13.8	12.8	*80.23*	*82.58*		14.60			11.2	7.1
8269 [6]	do	do	Mid-aged		17.4	14.0	12.4	*80.46*	*78.98*		14.60				7.2
8274	do	do	Old		17.6	14.2	13.5	*80.68*	*84.91*		15.10				
8256 [7]	do	do	Elderly		17.4	14.2	12.6	*81.61*	*79.75*		14.73			12.7	8.0
8271	do	do	35		17.1	14.0	12.3	*81.87*	*79.10*		14.47				7.3
Specimens			(13)		(13)	(13)	(13)	(13)	(13)		(13)			(3)	(10)
Totals			595		229.2	180.9	163.9				191.34			36.0	73.3
Averages			45.8		17.63	13.92	12.61	*78.93*	*79.76*		14.72			12.0	7.33
Minima			24		17.1	13.2	12.2	*74.86*	*77.22*		14.37			11.2	7.0
Maxima			70		18.2	14.4	13.5	*81.87*	*84.91*		15.10			12.7	8.0

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
8270	13.6	*94.12*	*55.88*	10.5	9.5	10.2	66.0	53.5	3.25	3.25	3.9	3.9	*83.33*	*83.33*	5.8	2.9	*50.0*	5.7	6.7	*85.07*
8275	14.0	------	*55.71*	[2]10.6	9.4	10.8	70.0	49.0	3.85	3.8	4.1	4.05	*93.90*	*93.33*	5.95	2.7	*45.38*	------	------	------
8264	13.7	------	*57.66*	10.2	8.9	10.4	68.5	49.5	3.45	3.45	4.0	3.9	*86.25*	*88.46*	5.85	2.8	*47.86*	5.4	6.7	[2]*80.60*
8281	13.8	*86.23*	*54.35*	9.9	8.8	10.5	72.5	51.0	3.6	3.5	3.8	3.9	*94.74*	*89.74*	5.65	2.65	*46.90*	5.2	6.7	*77.61*
Specimens	(4)	(2)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(3)	(3)	(3)
Totals	55.10	------	------	41.20	36.60	41.90	277.0	203.0	14.15	14.0	15.8	15.75	------	------	23.25	11.05	------	16.30	20.1	------
Averages	13.78	*90.15*	*55.90*	10.30	9.15	10.48	69.25	50.75	3.54	3.50	3.95	3.94	*89.56*	*88.89*	5.81	2.76	*47.53*	5.43	6.7	*81.09*
Minima	13.6	------	*54.4*	9.9	8.8	10.2	66.0	49.0	3.25	3.25	3.8	3.9	*83.3*	*83.3*	5.65	2.65	*45.4*	5.2	------	*77.6*
Maxima	14.0	------	*57.7*	10.6	9.5	10.8	72.5	53.5	3.85	3.8	4.1	4.05	*94.7*	*93.8*	5.95	2.9	*50.0*	5.7	------	*85.1*

FEMALES

8265	13.0	------	------	------	8.4	9.7	------	------	3.4	3.4	4.0	4.0	*85.0*	*85.0*	5.0	2.6	*52.0*	------	------	------
8261	12.3	------	------	------	8.7	10.0	------	------	3.35	3.35	3.8	3.8	*88.16*	*88.16*	4.9	2.7	*55.10*	------	------	------
8268	12.8	------	*55.47*	9.9	8.6	9.8	68.0	46.5	3.25	3.3	3.7	3.6	*87.84*	*91.67*	5.2	3.0	*57.69*	5.0	6.1	*81.97*
8277	13.2	------	*54.55*	9.8	8.6	9.6	66.5	50.0	3.45	3.5	3.8	3.85	*90.79*	*90.91*	5.15	2.55	*49.51*	5.0	6.3	*79.37*
8282[3]	13.8	------	*52.90*	9.7	8.9	10.4	74.0	60.5	3.55	3.5	4.0	4.0	*88.75*	*87.50*	5.4	2.6	*48.15*	4.9	6.5	*75.38*
8255[4]	13.9	*87.05*	*56.12*	10.7	9.3	10.0	63.0	50.0	3.8	3.8	4.1	4.0	*92.68*	*95.0*	5.35	2.5	*46.73*	5.8	[2]6.7	*86.57*
8251	13.6	------	*53.68*	10.4	9.0	10.6	71.0	48.5	3.6	3.6	3.9	3.9	*92.31*	*92.31*	5.2	2.5	*48.08*	5.6	6.7	*83.58*
8259[5]	12.7	------	*55.12*	9.7	8.4	9.6	67.5	45.5	3.8	------	[2]4.1	------	*92.68*	------	5.15	2.4	*46.60*	5.15	6.3	*81.75*
8260	13.4	*85.58*	*52.99*	10.5	9.0	10.0	66.0	46.0	3.3	3.45	3.9	3.8	*84.62*	*90.79*	4.85	2.35	*48.45*	5.4	6.6	*81.82*
8269[6]	13.4	------	*53.73*	[2]9.1	8.3	9.5	70.0	57.0	3.55	3.75	4.1	4.0	*86.59*	*93.75*	5.55	2.9	*52.25*	4.8	6.7	*71.64*
8274	13.8	------	------	------	9.8	10.6	------	------	3.4	3.4	3.9	3.9	*87.18*	*87.18*	5.2	3.15	*60.58*	------	------	------
8256[7]	12.9	*98.45*	*62.02*	9.9	8.9	9.9	66.0	59.5	3.5	3.5	3.9	3.9	*89.74*	*89.74*	5.4	2.6	*48.15*	5.4	[2]6.6	*81.82*
8271	12.6	------	*57.94*	9.6	8.4	8.8	61.0	50.0	3.5	3.55	3.7	3.7	*94.59*	*95.95*	5.2	2.5	*48.08*	5.3	6.5	*81.54*
Specimens	(13)	(3)	(10)	(10)	(13)	(13)	(10)	(10)	(13)	(12)	(13)	(12)	(13)	(13)	(13)	(13)	(13)	(10)	(10)	(10)
Totals	171.3	------	------	99.3	114.3	128.5	673.0	513.5	45.45	42.1	50.90	46.45	------	------	68.55	34.35	------	52.35	65.0	------
Averages	13.18	*89.55*	*55.45*	9.93	8.79	9.88	67.30	51.35	3.50	3.51	3.92	3.87	*89.29*	*90.64*	5.27	2.64	*50.11*	5.24	6.50	*80.54*
Minima	12.3	*83.58*	*52.90*	9.1	8.3	8.8	61.0	45.50	3.25	3.3	3.7	3.6	*84.62*	*85.0*	4.85	2.35	*46.60*	4.8	6.1	*71.64*
Maxima	13.9	*98.45*	*62.02*	10.7	9.8	10.6	74.0	60.5	3.8	3.8	4.1	4.0	*94.59*	*95.95*	5.55	3.15	*60.58*	5.8	6.7	*86.57*

[1] Allowance made for wear of teeth, where needed.
[2] Near.
[3] Right upper median incisor lost long ago.
[4] Moderate maxillary hyperostoses.
[5] Maxillary hyperostoses, pm_2 to M_3.
[6] Left upper median incisor lost long ago.
[7] Very pronounced maxillary, and slight mandibular, hyperostoses.

SIBERIA: ULCHI—B

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
8263	Moscow Mus.	Mouth of Amur River	Elderly		17.8	14.6	14.0	*82.02*	*86.42*		15.47				8.5
8266	do	do	do		17.1	14.2	13.5	*83.04*	*86.26*		14.93				7.9
8267	do	do	Mid-aged		17.8	14.8	13.8	*83.15*	*84.66*		15.47				8.5
8272	do	do	40		17.4	15.0	13.8	*86.21*	*85.19*		15.40			14.0	8.6
8273	do	do	30		18.2	15.6	12.8	*85.71*	*75.74*		15.53			13.7	7.6
Specimens					(5)	(5)	(5)	(5)	(5)		(5)			(2)	(5)
Totals					88.3	74.2	67.9				76.8			27.7	41.10
Averages					17.66	14.84	13.58	*84.03*	*83.57*		15.36			13.85	8.22
Minima					17.1	14.2	12.8	*82.02*	*75.74*		14.93			13.7	7.6
Maxima					18.2	15.6	14.0	*86.21*	*86.42*		15.53			14.0	8.6

FEMALES

8279	Moscow Mus.	Mouth of Amur River	24		16.7	14.2	12.5	*85.03*	*80.91*		14.47				7.2
8262	do	do	50		16.4	14.2	12.4	*86.59*	*81.05*		14.33				6.9

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a\times100}{c}\right)$	Facial Index, upper $\left(\frac{b\times100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
8263	14.2	------	*49.86*	11.0	9.3	10.4	62.5	51.0	3.5	3.55	4.1	4.2	*85.37*	*84.52*	5.35	2.65	*49.53*	6.0	7.2	*83.33*
8266	14.3	------	*55.24*	10.7	9.2	10.0	63.0	49.5	3.65	3.6	3.95	3.9	*92.41*	*92.31*	5.3	2.75	*51.89*	------	------	------
8267	14.3	*97.90*	*59.44*	11.0	9.7	11.0	67.0	55.0	3.5	3.45	3.9	3.8	*89.74*	*90.79*	5.85	3.0	*51.28*	5.6	7.1	*78.87*
8272	15.3	*89.54*	*56.21*	10.9	9.5	10.4	63.0	54.5	3.4	3.5	4.15	4.15	*81.93*	*84.34*	5.65	2.45	*43.36*	5.7	7.0	*81.43*
8273	15.0	------	*50.67*	9.9	8.8	10.3	70.5	51.5	------	3.6	------	4.0	------	*90.0*	5.7	2.5	*43.86*	5.0	6.8	*73.53*
Specimens	(5)	(2)	(5)	(5)	(5)	(5)	(5)	(5)	(4)	(5)	(4)	(5)	(4)	(5)	(5)	(5)	(5)	(4)	(4)	(4)
Totals	73.10	------	------	53.5	46.5	52.1	326.0	261.5	14.05	17.70	16.10	20.05	------	------	27.85	13.35	------	22.3	28.10	------
Averages	14.62	*93.58*	*56.22*	10.7	9.3	10.42	65.20	52.30	3.51	3.54	4.03	4.01	*87.27*	*88.28*	5.57	2.67	*47.94*	5.58	7.03	*79.36*
Minima	14.2	*89.54*	*49.86*	9.9	8.8	10.0	62.5	49.5	3.4	3.45	3 9	3.8	*81.93*	*84.34*	5.3	2.45	*43.36*	5.0	6.8	*73.53*
Maxima	15.3	*97.90*	*59.44*	11.0	9.7	11.0	70.5	55.0	3.65	3.6	4.15	4.2	*92.41*	*92.31*	5.85	3.0	*51.89*	6.0	7.2	*83.33*

FEMALES

8279	13.6	------	*52.94*	10.4	9.2	9.8	65.0	53.0	3.4	3.5	4.0	3.9	*85.0*	*89.74*	4.9	2.65	*54.08*	5.5	6.5	*84.62*
8262	13.7	------	*50.36*	9.8	8.6	9.4	65.5	49.0	3.35	3.3	4.05	3.95	*82.72*	*83.54*	4.95	2.5	*50.51*	------	------	------

SIBERIA: GILIAK—LB (SAKHALIN)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
5106–2	Leningrad Mus.	Sakhalin Island			18.2	14.4	13.8	*79.12*	*84.66*		15.47				7.4
840	do	do			18.4	14.6	14.0	*79.35*	*84.85*		15.67				7.6
5106–4 [1]	do	do			18.4	15.0	14.2	*81.52*	*85.03*		15.87			13.4	8.2
843 [2]	do	do			18.2	15.0	15.6	*82.42*	*81.93*		15.60				[3]8.2
842	do	do			18.1	15.0	[3]13.0	*82.87*	*78.55*		15.37				8.2
850	do	do			17.9	15.3	14.0	*85.47*	*84.34*		15.73				
5106–5	do	do			18.9	15.6	13.4	*86.67*	*79.76*		15.67			13.2	8.3
852	do	do			17.5	15.2	13.0	*86.83*	*79.51*		15.23				
3926–1 [4]	do	do			17.1	15.2	12.4	*88.89*	*76.78*		14.90				7.4
Specimens					(9)	(9)	(9)	(9)	(9)		(9)			(2)	(7)
Totals					161.3	135.3	121.4				139.51			26.6	55.3
Averages					17.93	15.03	13.49	*83.62*	*81.72*		15.50			13.3	7.90
Minima					17.1	14.4	12.4	*79.12*	*76.78*		14.90			13.2	7.4
Maxima					18.4	15.6	14.2	*88.89*	*85.03*		15.87			13.4	8.3

5106–8	Leningrad Mus.	Sakhalin Island			17.8	13.2	12.4	*74.16*	*80.0*		14.47					7.6
845	do	do			17.2	13.8	13.1	*80.23*	*84.52*		14.70					7.5
844	do	do			17.4	14.2	12.3	*81.61*	*77.85*		14.63					6.9
5106–9	do	do			17.0	13.9	13.2	*81.76*	*85.44*		14.70				(10.5)	6.1
5106–7	do	do			17.5	14.4	13.0	*82.29*	*81.50*		14.97				12.3	7.8
849	do	do			16.7	13.8	12.2	*82.63*	*80.0*		14.23					
841	do	do			17.0	14.3	12.5	*84.12*	*79.87*		14.60					7.3
5106–6 [5]	do	do			17.1	14.5	12.4	*84.80*	*78.48*		14.67					
838	do	do			16.8	14.4	12.8	*85.71*	*82.05*		14.67					6.7
836 [6]	do	do			17.4	15.0	12.5	*86.21*	*77.16*		14.97					7.6
839 [7]	do	do			16.1	14.0	10.8	*86.96*	*71.76*		13.63					7.3
851	do	do			17.2	15.0	(Low)	*87.21*								
5106–3	do	do			16.6	14.6	13.1	*87.95*	*83.97*		14.77				[8] 12.0	7.4
848	do	do			16.9	15.0	13.2	*88.76*	*82.76*		15.03					
Specimens					(14)	(14)	(13)	(14)	(13)		(13)				(2)	(10)
Totals					238.70	200.1	163.5				190.04				24.3	72.20
Averages					17.05	14.29	12.58	*83.83*	*80.42*		14.62				12.15	7.22
Minima					16.1	13.2	10.8	*74.16*	*71.76*		13.63				12.0	6.1
Maxima					17.8	15.0	13.2	*88.76*	*85.44*		15.03				12.3	7.8

See footnotes at end of table.

SIBERIA: GILIAK—LB (SAKHALIN)—Continued

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch.—Length maxim.	Upper Alveolar Arch.—Breadth maxim.	*Upper Alveolar Arch.—Index*
5106–2	13.8	.....	*53.62*	10.4	9.4	10.3	68.0	54.5	3.55	3.45	4.0	4.0	*88.75*	*86.25*	5.5	2.55	*46.36*	5.6	6.9	*81.16*
840	14.2	.....	*53.52*	10.8	9.8	11.0	71.0	61.0	3.15	3.25	3.9	3.9	*80.77*	*83.33*	5.05	2.25	*44.55*	5.8	7.2	*80.56*
5106–4 [1]	15.1	*88.74*	*54.30*	10.5	9.3	10.6	67.5	56.0	3.8	3.8	4.1	4.1	*92.68*	*92.68*	5.7	2.8	*49.12*	6.0	7.6	*78.95*
843 [2]	14.4	.....	*56.94*	[3]10.9	9.6	10.8	67.0	54.0	3.45	3.5	4.1	4.0	*84.15*	*87.50*	5.6	2.7	*48.21*	[3]5.4	6.7	*80.60*
842	14.2	.....	*47.75*	10.9	9.6	10.5	64.5	56.0	3.4	3.45	4.0	4.0	*85.0*	*86.25*	5.3	2.6	*49.06*	5.8	6.9	*84.06*
850	10.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
5106–5	14.6	*90.41*	*56.85*	10.9	9.5	10.5	64.5	51.0	3.55	3.6	3.8	3.8	*93.42*	*94.74*	5.8	2.75	*47.41*	5.8	6.9	*84.06*
852	.....	.....	.....	.....	.....	10.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3926–1 [4]	14.0	.....	*52.86*	11.0	9.6	9.8	60.5	45.0	3.35	3.2	3.9	3.9	*85.90*	*82.05*	5.35	2.7	*50.47*	5.8	6.8	*85.29*
Specimens	(8)	(2)	(7)	(7)	(7)	(8)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Totals	111.0	.....	.....	75.40	66.80	83.50	463.0	377.5	24.25	24.25	27.80	27.70	.....	.....	38.3	18.35	.....	40.20	49.0	.....
Averages	13.88	*89.56*	*55.13*	10.77	9.54	10.44	66.14	53.93	3.46	3.46	3.97	3.96	*87.23*	*87.55*	5.47	2.62	*47.91*	5.74	7.0	*82.04*
Minima	10.7	*88.74*	*47.75*	10.4	9.3	9.8	60.5	45.0	3.15	3.2	3.8	3.8	*80.77*	*82.05*	5.05	2.25	*44.55*	5.4	6.7	*78.95*
Maxima	15.1	*90.41*	*56.94*	11.0	9.8	11.0	71.0	61.0	3.8	3.8	4.1	4.1	*93.42*	*94.74*	5.8	2.8	*50.47*	6.0	7.6	*85.29*

5106–8				9.9	8.6	9.6	65.0	51.0	3.3		3.7		*89.19*		5.25	2.6	*49.52*	5.0	6.8	*73.53*
845	13.3		*56.39*	[3] 9.7	8.8	9.9	69.0	60.0	3.5	3.55	3.95	3.9	*88.61*	*91.03*	5.2	2.4	*46.15*	[1] 5.1	6.1	*83.61*
844	13.0		*53.08*	9.8	8.8	9.4	65.5	54.0	3.55	3.6	3.9	3.8	*91.03*	*94.74*	5.0	2.4	*48.0*	5.2	6.3	*82.54*
5106–9	13.6	*(77.21)*	*44.85*	9.6	8.8	10.1	76.0	51.5	3.35	3.25	3.8	3.8	*88.16*	*85.53*	4.85	2.5	*51.55*	4.6	6.5	*70.77*
5106–7	13.4	*91.79*	*58.21*	10.9	9.6	10.2	63.5	52.5	3.45	3.35	3.7	3.6	*93.24*	*93.06*	5.55	2.8	*50.45*	6.0	7.2	*83.33*
849						9.8														
841	13.8		*52.90*	10.6	9.3	9.8	63.0	51.0	3.3	3.35	3.8	3.8	*86.84*	*88.16*	4.95	2.65	*53.54*			
5106–6 [5]	13.0				9.2	10.4			3.9	3.9	4.0	3.9	*97.50*	*100.0*	5.5	2.4	*43.64*			
838	13.6		*49.26*	11.1	10.1	10.4	66.5	58.0	3.0	3.0	3.8	3.7	*78.95*	*81.08*	4.4	2.2	*50.0*	5.4	6.5	*83.08*
836 [6]	13.8		*55.07*	10.3	8.8	9.7	63.5	48.5	3.35	3.4	3.9	3.75	*85.90*	*90.67*	5.05	2.25	*44.55*	5.6	6.3	*88.89*
839 [7]	12.7		*57.48*	10.4	(9.0)	9.0	(58.0)	(48.0)	3.25	3.2	3.75	3.6	*86.67*	*88.89*	5.0	2.5	*50.0*	5.5	6.2	*88.71*
851																				
5106–3	13.8	*86.96*	*53.62*	10.8	9.1	10.1	64.0	41.0	3.5	3.6	3.9	3.9	*89.74*	*92.31*	5.2	2.5	*48.08*	5.3	6.5	*81.54*
848																				
Specimens	(10)	(2)	(9)	(10)	(10)	(12)	(9)	(9)	(11)	(10)	(11)	(10)	(11)	(10)	(11)	(11)	(11)	(9)	(9)	(9)
Totals	134.0			103.1	91.10	118.4	596.0	467.5	37.45	34.2	42.2	37.75			55.95	27.2		47.70	58.4	
Averages	13.40	*89.34*	*53.39*	10.31	9.11	9.87	66.22	51.94	3.4	3.42	3.84	3.78	*88.74*	*90.60*	5.09	2.47	*48.61*	5.30	6.49	*81.68*
Minima	12.7	*86.96*	*44.85*	9.6	8.6	9.0	63.0	41.0	3.0	3.0	3.7	3.6	*78.95*	*81.08*	4.4	2.2	*43.64*	4.6	6.1	*70.77*
Maxima	13.8	*91.79*	*58.21*	11.1	10.1	10.4	76.0	60.0	3.9	3.9	4.0	3.9	*97.50*	*100.0*	5.55	2.8	*53.54*	6.0	7.2	*88.89*

[1] Like an Athapascan; somewhat unusual for a Giliak, but +.
[2] Upper median incisors lost long ago.
[3] Near.
[4] Resembles those of Yukagirskaia, Sopka, Samoyeds, etc.; base depressed (*common*, more or less).
[5] Upper incisors lost long ago.
[6] Aleutlike.
[7] Possibly not quite normal, base impressed.
[8] Allowance made for wear of teeth.

SIBERIA: GILIAK-D (AMUR)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
46153	Leningrad Mus.	Northern Okhotsk Sea	Adult		18.8	13.2	13.7	*70.21*	*85.63*		15.23				7.6
50331	do	Lower Amur	do		18.8	14.0	13.6	*74.47*	*82.93*		15.47				7.6

FEMALES

50101	Leningrad Mus.	Lower Amur	Adult		18.4	13.5	13.4	*73.37*	*84.01*		15.10				6.9

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch Index
46153	[1] 14.0	------	*54.29*	11.3	9.9	11.2	71.0	57.5	3.4	3.55	4.2	[1] 4.2	*80.95*	*84.58*	5.3	2.5	*47.17*	6.0	6.7	*89.55*
50331	13.5	------	*56.30*	10.4	9.1	10.6	70.0	48.0	3.35	3.4	3.9	3.9	*85.90*	*87.18*	5.6	2.75	*49.11*	5.7	6.9	*82.61*

FEMALES

50101	13.1	------	*52.67*	10.5	9.2	10.0	61.0	49.5	3.25	3.35	4.0	3.8	*81.25*	*88.16*	4.75	2.9	*61.0*	5.6	6.3	*88.39*

[1] Near.

SIBERIA: YAKUT

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
52824	Leningrad Mus.	Yakutia	Adult		19.6	14.7	14.2	*75.0*	*82.8*		16.17				8.4
52827	do	do	do		18.8	14.5	13.8	*77.1*	*82.9*		15.70				8.1
52825	do	do	do		17.9	14.6	13.4	*81.6*	*82.5*		15.30			13.1	8.0
36702	Moscow Mus.	do	do		18.3	15.0	14.0	*82.0*	*84.1*		15.77				
36705	do	do	do		19.0	15.6	13.4	*82.1*	*77.5*		16.0				8.1
10773	Leningrad Mus.	do	do		18.2	15.1	12.4	*83.0*	*74.5*		15.23			12.5	7.9
36701	Moscow Mus.	do	do		18.6	15.5	13.4	*83.3*	*78.6*		15.83			13.0	8.0
Specimens					(7)	(7)	(7)	(7)	(7)		(7)			(3)	(6)
Totals					130.4	105.0	94.6				110.0			38.6	48.5
Averages					18.63	15.0	13.51	*80.5*	*80.4*		15.71			12.87	8.08
Minima					17.9	14.5	12.4	*75.0*	*74.5*		15.23			12.5	7.9
Maxima					19.6	15.6	14.2	*83.3*	*84.1*		16.17			13.1	8.4

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Length maxim.	Upper Alveolar Breadth maxim.	Upper Alveolar Arch—Index
52824	14.8		*56.8*	10.5	9.2	10.8	68.5	53.0	3.45	3.5	4.1	4.0	*84.2*	*87.5*	5.9	2.75	*46.6*	5.9	7.0	*84.3*
52827	13.9		*58.3*	10.2	9.2	10.6	69.5	60.0	3.2	3.35	3.9	3.85	*82.1*	*87.0*	5.55	2.9	*52.3*	5.4	6.5	*83.1*
52825	14.3	*91.6*	*65.9*	11.0	9.6	10.2	62.5	54.5	3.3	3.25	3.75	3.75	*88.0*	*86.7*	5.25	2.7	*51.4*	6.2	6.9	*89.9*
36702	13.8				8.4	10.0			3.2	3.15	3.85	3.85	*83.1*	*81.8*	5.8	2.3	*39.7*			
36705	15.6		*51.9*	10.3	9.1	10.8	71.0	52.0	3.7	3.7	4.1	4.1	*90.2*	*90.2*	6.0	3.15	*52.5*	5.9	7.4	*79.7*
10773	14.2	88.0	*55.6*	9.4	8.2	9.2	63.5	52.0	3.4	3.4	3.8	3.9	*92.1*	*87.2*	5.6	2.5	*44.6*	5.3	6.8	*77.9*
36701	15.1	*86.1*	*65.0*	10.6	9.3	11.0	70.5	51.0	3.6	3.7	4.3	4.3	*83.7*	*86.1*	5.8	2.95	*50.9*	5.7	6.8	*83.8*
Specimens	(7)	(3)	(6)	(6)	(7)	(7)	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(6)	(6)	(6)
Totals	101.7	88.6	55.2	62.0	63.0	72.6	405.5	322.5	23.95	24.05	27.8	27.75	86.2	86.7	39.9	19.25	48.2	34.4	41.4	83.1
Averages	14.53	88.6	61.9	10.33	9.0	10.37	67.6	53.8	3.42	3.44	3.97	3.96	82.1	81.8	5.70	2.75	49.7	5.73	6.90	77.9
Minima	13.8	86.1	51.9	9.4	8.2	9.2	62.5	51.0	3.2	3.15	3.75	3.75	82.1	81.8	5.25	2.3	39.7	5.3	6.5	77.9
Maxima	15.6	91.6	58.3	11.0	9.6	11.0	71.0	60.0	3.7	3.7	4.3	4.3	92.1	90.2	6.0	3.15	52.5	6.2	7.4	89.9

SIBERIA: YUKAGIR

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, Wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
42556	Leningrad Mus.	Yukagirskaia Sopka			19.2	14.8	13.2	*77.08*	*77.65*		15.73			13.3	8.0
8107	Moscow Mus.	Korkodon River			18.2	14.2	13.0	*78.02*	*80.25*		15.13				
42555	Leningrad Mus.	Yukagirskaia Sopka			18.9	14.8	13.4	*78.31*	*79.53*		15.70			12.5	7.9
42558	do	do			18.0	14.2	12.4	*78.89*	*77.02*		14.87			12.9	7.9
42574	do	do			18.4	14.6	13.6	*79.35*	*82.42*		15.53				
42563	do	do			18.6	14.8	13.4	*79.57*	*80.24*		15.60				7.6
42562	do	do			18.2	15.0	12.6	*82.42*	*75.90*		15.27				7.8
Specimens					(7)	(7)	(7)	(7)	(7)		(7)			(3)	(5)
Totals					129.5	102.4	91.6				107.83			38.7	39.20
Averages					18.50	14.63	13.09	*79.1*	*79.0*		15.40			12.90	7.84
Minima					18.0	14.2	12.4	*77.08*	*75.90*		14.87			12.5	7.6
Maxima					19.2	15.0	13.6	*82.42*	*82.42*		15.73			13.3	8.0

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	Height-Breadth Index	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, Wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
42568	Leningrad Mus.	Yukagirskaia Sopka			18.6	13.8	12.3	*74.19*	*75.93*		14.90				7.4
42567	do	do			18.0	13.6	12.8	*75.56*	*81.01*		14.80				6.8
42560	do	do			18.8	14.3	12.4	*76.06*	*74.92*		15.17				7.3
42559	do	do			18.2	14.2	12.8	*78.02*	*79.01*		15.07				7.9
42572	do	do			18.2	14.2	(Low)	*78.02*							7.4
42557	do	do			18.3	14.4	(Low)	*78.69*						12.0	7.5
42573	do	do			17.8	14.2	(Med.)	*79.78*							
42564	do	do			18.0	14.4	13.1	*80.0*	*80.86*		15.17				7.3
42569	do	do			17.2	13.8	11.8	*80.23*	*76.13*		14.27				6.7
42551	do	do			17.9	14.4	12.2	*80.45*	*75.54*		14.83				7.7
42566 ?	do	do			17.6	14.4	13.0	*81.82*	*81.25*		15.00				7.5
42571	do	do			16.8	13.8	12.2	*82.14*	*79.74*		14.27				6.3
42565	do	do			17.4	14.3	12.0	*82.18*	*75.71*		14.57			11.8	7.3
Specimens					(13)	(13)	(10)	(13)	(10)		(10)			(2)	(12)
Totals					232.8	183.8	124.60				148.05			23.80	87.10
Averages					17.91	14.14	12.46	*78.95*	*78.0*		14.81			11.90	7.26
Minima					16.8	13.6	11.80	*74.19*	*74.92*		14.27			11.8	6.3
Maxima					18.8	14.4	13.10	*82.18*	*81.25*		15.17			12.0	7.9

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
42556	15.0	*88.67*	*53.33*	10.0	9.0	10.6	71.0	55.5	3.7	3.6	4.1	4.1	*90.24*	*87.80*	5.95	3.0	*50.42*	5.4	7.0	*77.14*
8107	13.6				8.4	9.9			3.4	3.45	3.9	3.9	*87.18*	*88.46*	5.2	2.65	*50.96*			
42555	14.8	*84.46*	*53.38*	9.8	8.9	10.2	69.0	62.0	3.35	3.4	4.0	3.9	*83.75*	*87.18*	5.2	2.55	*49.04*	5.2	6.7	*77.61*
42558	14.2	*90.85*	*55.63*	10.0	9.0	10.3	68.5	55.5	3.4	3.45	3.9	3.9	*87.18*	*88.46*	5.8	2.5	*43.10*	5.6	6.8	*82.35*
42574						10.1														
42563	14.4		*52.78*	9.8	8.9	10.3	71.0	60.5	3.3	3.3	3.9	3.9	*84.62*	*84.62*	5.35	2.8	*52.34*	5.5	7.0	*78.57*
42562	14.2		*54.93*	10.0	8.8	10.0	67.0	51.5	3.3	3.35	3.8	3.75	*86.84*	*89.33*	5.6	2.4	*42.86*	5.1	6.6	*77.27*
Specimens	(6)	(3)	(5)	(5)	(6)	(7)	(5)	(5)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(5)	(5)	(5)
Totals	86.20			49.6	53.0	71.4	346.5	285.0	20.45	20.55	23.60	23.45			33.1	15.9		26.8	34.1	
Averages	14.37	*88.0*	*54.0*	9.92	8.83	10.20	69.3	57.0	3.41	3.44	3.93	3.91	*86.7*	*88.0*	5.52	2.65	*48.0*	5.36	6.82	*78.6*
Minima	13.6	*84.46*	*52.78*	9.8	8.4	9.9	67.0	51.5	3.3	3.3	3.8	3.75	*83.75*	*84.62*	5.2	2.4	*42.86*	5.1	6.6	*77.14*
Maxima	15.0	*90.85*	*55.63*	10.0	9.0	10.6	71.0	62.0	3.7	3.6	4.1	4.1	*90.24*	*89.33*	5.95	3.0	*52.34*	5.6	7.0	*82.35*

FEMALES

42568	12.9		*57.36*	9.9	8.8	10.0	68.5	53.5	3.1	3.0	3.7	3.7	*83.78*	*81.08*	5.35	2.65	*49.53*	5.2	6.5	*80.0*
42567	13.2		*51.52*	9.2	8.3	10.1	76.5	57.0	3.45	3.55	3.7	3.8	*93.24*	*93.42*	4.95	2.5	*50.51*	4.8	[1] 6.1	*78.69*
42560	[1] 14.0		*52.14*	9.5	8.4	10.0	71.5	55.0		3.45		3.6		*95.83*	5.1	2.7	*52.94*	5.3	6.8	*77.94*
42559	13.9		*56.83*	9.8	8.8	10.4	70.5	57.0	3.55	3.55	3.9	4.0	*91.03*	*88.75*	5.75	2.55	*44.35*	5.5	6.3	*87.30*
42572	[1] 13.2		*56.06*						3.55		3.9		*91.03*		5.5	2.5	*45.45*	5.2	6.2	*83.87*
42557	[1] 13.8	*86.96*	*54.35*						3.6	3.6	3.8	3.7	*94.74*	*97.30*	5.45	2.5	*45.87*	5.4	6.5	*83.08*
42573						10.4														
42564	13.6		*53.68*	9.9	8.8	9.6	66.0	53.5	3.25	3.1	3.7	3.25	*87.84*	*95.38*	5.2	2.5	*48.08*	5.4	6.4	*84.38*
42569	12.6		*53.17*	9.0	8.2	9.3	70.5	57.5	3.15	3.15	3.65	3.6	*86.30*	*87.50*	4.95	2.55	*51.52*	5.0	6.7	*74.63*
42551	13.7		*56.20*	9.3	8.4	9.8	69.5	56.0	3.3	3.35	3.8	3.7	*86.84*	*90.54*	5.8	2.9	*50.0*	5.2	7.3	*71.23*
42566 [2]	[1] 13.4		*55.97*	8.5	7.5	8.9	67.0	55.0	3.4		3.5		*97.14*		5.4	2.5	*46.30*	4.8	6.4	*75.0*
42571	[1] 12.4		*50.81*	8.8	8.0	9.0	71.0	56.0	3.2	3.25	3.5	3.55	*91.43*	*91.55*	4.7	2.45	*52.13*	4.7	6.3	*74.60*
42565	13.2	*89.39*	*55.30*	9.7	8.6	9.6	66.5	54.5	3.6	3.6	4.0	3.9	*90.0*	*92.31*	5.15	2.8	*54.37*	5.1	6.6	*77.27*
Specimens	(12)	(2)	(12)	(10)	(10)	(11)	(10)	(10)	(11)	(10)	(11)	(10)	(11)	(10)	(12)	(12)	(12)	(12)	(12)	(12)
Totals	159.9			93.6	83.8	107.1	697.5	555.0	37.15	37.60	41.15	36.80			63.3	31.10		61.6	78.10	
Averages	13.33	*88.15*	*54.47*	9.36	8.38	9.74	69.75	55.5	3.38	3.36	3.74	3.68	*90.28*	*91.30*	5.28	2.59	*49.13*	5.13	6.51	*78.87*
Minima	12.4	*86.96*	*50.81*	8.5	7.5	8.9	66.0	53.5	3.1	3.0	3.5	3.25	*83.78*	*81.08*	4.7	2.45	*44.35*	4.7	6.1	*71.23*
Maxima	14.0	*89.39*	*57.36*	9.9	8.8	10.4	76.5	57.5	3.6	3.6	4.0	4.0	*97.14*	*97.30*	5.8	2.9	*54.37*	5.5	7.3	*87.30*

[1] Near.

[2] Vault syphilitic.

SIBERIA: OROCHI

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
8617 [1]	Moscow Mus.		Mid-aged		17.8	15.0	13.1	*84.27*	*79.88*		15.30				7.4

FEMALES

8616	Moscow Mus.	(?)	Young adult		17.6	14.3	12.4	*81.25*	*77.74*		14.77				
7459 [2]	do		40		17.6	14.6	12.3	*82.95*	*76.40*		14.83				6.6
889	Voienno—Med. Acad. Leningrad	Imperatorski Bay			16.6	13.2	13.0	*79.52*	*87.25*		14.27			11.6	6.9

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Index
8617 [1]	14.8		*50.0*	10.1	9.0	9.8	66.0	55.0	3.4	3.4	4.05	3.9	*83.95*	*87.18*	5.2	2.45	*47.1*			

FEMALES

8616	13.1			10.4	9.3	10.1	69.0	49.0							4.9	2.5	*51.02*	5.2	6.4	*81.25*
7459 [2]	12.9	*89.92*	*53.49*	10.0	9.0	10.2	64.5	56.0	3.2	3.3	3.8	3.7	*84.21*	*89.19*	4.8	2.35	*48.96*	5.5	6.6	*83.33*
889						9.4														

[1] Samoyed type.
[2] Marked intranasal shelves.

SIBERIA: KORIAK, LAMUT, AND KAMCHADAL

KORIAK

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
4653 ♂	Moscow Mus.	Kuel River			18.1	14.2	13.8	*78.45*	*85.45*		15.37				6.8
4654 ♀	do	do	35		17.2	13.5	12.5	*78.49*	*81.43*		14.40				6.8

LAMUT

4650(♀)[3]	Moscow Mus.	Yakutskaia Obl.	50		17.8	13.7	12.4	*76.97*	*78.73*		14.63				7.2

KAMCHADAL

893(♀)	Leningrad Mus.	Kamchatka			17.4	13.3	13.6	*76.44*	*88.60*		14.77				7.0

KORIAK

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
4653 [1]	12.8	.....	*53.13*	9.6	8.6	9.6	69.0	53.5	3.4	3.4	3.8	3.8	*89.47*	*89.47*	5.0	2.35	*47.0*	.....	.....	.....
4654(♀)	[2] 12.8	.....	*53.13*	9.3	8.1	9.2	67.5	49.5	.....	3.5	.....	3.7	.....	*94.59*	4.8	2.6	*54.17*	.....	.....	.....
LAMUT																				
4650(♀)[3]	13.1	.....	*54.96*	9.7	8.5	9.6	67.5	50.5	3.3	3.4	3.9	3.8	*84.62*	*86.84*	5.1	2.35	*46.08*	.....	.....	.....
KAMCHADAL																				
893(♀)	[2] 13.5	.....	*51.85*	9.6	8.7	9.8	70.5	59.0	3.25	.....	3.8	.....	*85.53*	.....	4.9	2.4	*48.98*	.....	.....	.....

[1] Face ♀-like, but probably a boy.
[2] Near.
[3] External maxillary hyperosteses.

SIBERIA: CHUKCHI

(Chukchi Peninsula)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella_ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
6539	Moscow Mus.	Chukchi Peninsula	35		18.6	13.6	14.1	*73.12*	*87.58*	*103.68*	15.43				7.6
6597	do	do	50		19.0	14.0	13.6	*73.68*	*82.42*	*97.14*	15.53				8.0
6521	do	do	28		18.9	14.0	14.0	*74.07*	*85.11*	*100.00*	15.63				8.5
6516 [1]	do	do	26		19.0	14.1	13.9	*74.21*	*83.99*	*98.58*	15.67				7.6
6527	do	do	45		19.6	14.6	13.8	*74.49*	*80.70*	*94.52*	16.00				8.3
6511	do	do	55		18.4	13.8	13.6	*75.0*	*84.47*	*98.55*	15.27				8.4
6518 [2]	do	do	60		19.2	14.4	13.8	*75.0*	*82.14*	*95.83*	15.80				7.5
6535 [3]	do	do	40		18.4	13.8	13.9	*75.0*	*86.34*	*100.72*	15.37				8.5
6546	do	do	60		18.0	13.5	14.2	*75.0*	*90.16*	*105.19*	15.23				8.2
6552	do	do	30		18.2	13.8	13.4	*75.82*	*83.75*	*97.10*	15.13				7.8
6514 [4]	do	do	35		18.4	14.0	13.5	*76.09*	*83.35*	*96.43*	15.30				7.7
6500	do	do	60		18.1	13.8	13.0	*76.24*	*81.50*	*94.20*	14.97				7.6
6551 [6]	do	do	40		18.7	14.3	13.6	*76.47*	*82.42*	*95.10*	15.53				8.5
6517 [7]	do	do	35		18.0	13.8	13.9	*76.67*	*87.42*	*100.72*	15.23				7.3
6524 [8]	do	do	65		18.6	14.3	14.4	*76.88*	*87.54*	*100.76*	15.77				8.0
6549	do	do	55		19.5	15.1	12.8	*77.44*	*73.99*	*84.77*	15.80				8.5
5245–1	Leningrad Mus.	do	35		19.1	15.2	14.1	*78.36*	*81.50*	*92.76*	16.23			13.5	7.7
8115	Moscow Mus.	do	30		18.6	14.8	13.0	*79.57*	*77.84*	*87.84*	15.47				7.7
6540 [9]	do	do	35		18.2	14.5		*79.67*							7.7
6523 [10]	do	do	35		18.0	14.8	13.0	*82.22*	*79.27*	*87.84*	15.27				7.7
6509 [11]	do	do	23		17.3	14.3	13.9	*82.66*	*87.97*	*97.20*	15.17				7.7
6506 [12]	do	do	50		18.4	15.4	13.4	*83.70*	*79.29*	*87.01*	15.73				8.3
Specimens			(22)		(22)	(22)	(21)	(22)	(21)	(21)	(21)			(1)	(21)
Totals			927		408.50	313.19	286.90				325.53				167.1
Averages			42.1		18.57	14.27	13.66	*76.7*	*83.2*	*95.82*	15.50			13.5	7.96
Minima			23		17.3	13.5	12.8	*73.12*	*73.99*	*84.77*	14.97				7.3
Maxima			65		19.6	15.4	14.4	*83.70*	*90.16*	*105.19*	16.23				8.5

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
6539	14.3	.....	*53.15*	10.6	9.6	10.8	70.5	57.0	3.7	3.8	4.1	4.1	*90.24*	*92.68*	5.45	2.2	*40.37*	5.8	6.7	*86.57*
6597	13.9	.....	*57.55*	10.4	9.1	10.2	66.0	53.0	3.75	3.75	4.0	4.0	*93.75*	*93.75*	5.5	2.5	*45.45*	5.5	7.0	*78.57*
6521	14.4	.....	*59.03*	10.2	9.4	11.1	72.5	66.0	4.1	4.0	4.15	4.15	*98.80*	*96.39*	5.7	2.4	*42.11*	5.4	6.4	*84.38*
6516 [1]	13.5	.....	*56.30*	11.0	9.8	10.6	66.5	54.5	3.6	3.6	3.9	3.8	*92.31*	*94.74*	5.25	2.15	*40.95*	5.7	6.7	*85.07*
6527	14.9	.....	*55.70*	10.4	9.4	10.4	66.5	60.5	3.7	3.75	4.15	4.05	*89.16*	*92.59*	5.7	2.6	*45.61*	.....	.....	.....
6511	14.0	.....	*60.00*	11.2	9.8	10.6	63.5	53.5	3.8	3.75	4.2	4.1	*90.48*	*91.46*	5.6	2.75	*49.11*	6.1	7.0	*87.14*
6518 [2]	14.8	.....	*50.68*	10.9	10.0	11.2	72.5	57.5	3.8	3.7	4.5	4.3	*84.44*	*86.05*	5.7	2.85	*50.00*	.....	.....	.....
6535 [3]	13.8	.....	*61.59*	10.8	9.9	10.6	65.5	64.0	3.65	3.55	4.1	4.1	*89.02*	*86.59*	5.75	2.7	*46.96*	5.7	6.0	*95.00*
6546	[12]14.0	.....	*58.57*	11.0	10.0	10.8	66.5	61.5	3.75	3.85	4.0	4.0	*93.75*	*96.25*	5.5	2.45	*44.55*	5.9	6.8	*86.76*
6552	14.2	.....	*54.93*	10.7	9.6	10.5	67.0	57.0	3.6	3.7	4.1	3.9	*87.80*	*94.87*	5.4	2.3	*42.59*	5.6	6.8	*82.35*
6514 [4]	14.6	.....	*52.74*	10.8	9.5	10.6	67.5	54.5	3.85	3.8	4.2	4.4	*91.67*	*86.36*	5.1	2.0	*39.22*	5.6	6.3	*88.89*
6500	14.2	.....	*53.52*	10.0	8.8	10.1	68.0	53.5	3.85	3.85	4.15	4.15	*92.77*	*92.77*	5.3	2.55	*48.11*	5.6	[5] 6.7	*93.58*
6551 [6]	14.3	.....	*59.44*	10.6	9.4	10.4	65.0	56.0	3.8	4.0	4.45	4.4	*85.39*	*90.91*	5.9	2.5	*42.37*	6.1	7.2	*84.72*
6517 [7]	13.8	.....	*52.90*	10.2	9.2	10.1	68.5	56.5	3.7	3.65	3.9	3.9	*94.87*	*93.59*	5.1	2.4	*47.06*	5.4	6.6	*81.82*
6524 [8]	14.5	.....	.....	.....	9.8	11.0	.....	.....	3.8	3.85	4.1	4.1	*92.68*	*93.90*	5.55	2.2	*39.64*	.....	.....	.....
6549	14.9	.....	*53.69*	10.3	9.0	10.3	66.5	54.5	3.65	3.75	4.25	4.35	*85.88*	*86.21*	5.35	2.7	*50.47*	6.1	7.0	*87.14*
5245–1	15.1	*89.40*	*56.29*	11.5	10.4	11.2	66.0	58.0	3.75	3.7	4.1	4.05	*91.47*	*91.36*	6.0	[12]2.1	*35.00*	5.9	6.7	*88.06*
8115	14.3	.....	*53.85*	10.1	9.4	10.4	70.0	63.5	3.3	3.2	3.8	3.7	*86.84*	*86.49*	5.55	2.8	*50.45*	5.5	7.1	*77.46*
6540 [9]	14.0	.....	*55.00*	10.6	[12]9.6	10.1	64.5	56.5	3.6	3.6	3.9	3.9	*92.31*	*92.31*	5.5	2.4	*43.64*	5.6	7.1	*78.87*
6523 [10]	14.3	.....	*53.85*	10.1	9.0	10.2	68.5	57.0	3.6	3.6	4.1	4.1	*87.80*	*87.80*	5.35	2.3	*43.00*	5.7	7.2	*79.17*
6509 [11]	13.6	.....	*56.62*	10.2	9.3	10.4	69.5	62.0	3.4	3.4	4.0	3.85	*85.00*	*88.31*	5.1	2.1	*41.18*	5.3	6.7	*79.10*
6506 [12]	14.1	.....	*58.87*	10.5	[12]8.7	9.8	61.5	42.5	3.6	3.7	3.95	3.9	*91.14*	*94.87*	5.75	2.8	*48.70*	5.9	7.2	*81.94*
Specimens	(22)	(1)	(21)	(21)	(22)	(22)	(21)	(21)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(22)	(19)	(19)	(19)
Totals	313.5	.....	.....	222.10	208.70	231.40	1,412.5	1,199.0	81.35	81.55	90.10	89.30	.....	.....	121.10	53.75	.....	108.40	129.20	.....
Averages	14.25	*89.4*	*55.9*	10.58	9.49	10.52	67.3	58.0	3.70	3.71	4.10	4.06	*90.28*	*91.32*	5.51	2.44	*44.38*	5.71	6.80	*83.90*
Minima	13.5	.....	*50.68*	10.0	8.7	9.8	61.5	42.5	3.3	3.2	3.8	3.7	*84.44*	*86.05*	5.1	2.0	*35.00*	5.3	6.3	*77.46*
Maxima	15.1	.....	*61.59*	11.5	10.4	11.2	72.5	66.0	4.1	4.0	4.5	4.4	*98.80*	*96.39*	6.0	2.85	*50.47*	6.1	7.2	*95.00*

[1] Somewhat ♀-like, but probably ♂.
[2] Asym., bet.+.
[3] U-shaped palate.
[4] Intranasal shelves.
[5] Near.
[6] Left upper median incisor lost long ago.
[7] Somewhat ♀-like, but probably ♂.
[8] Scurvy.
[9] Atlas attached.
[10] Intranasal shelf.
[11] Somewhat ♀-like, but probably ♂.
[12] Atlas fused on left with occipital.

SIBERIA: CHUKCHI—Continued

(Chukchi Peninsula)

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
1242 [1] (red)	Leningrad Mus.	Chukchi Peninsula	60		18.2	13.3	13.3	*73.08*	*84.44*	*100.00*	14.93				7.8
425-32	do	do	25		18.0	13.2	13.3	*73.33*	*85.26*	*100.76*	14.88				7.6
6507 [2]	Moscow Mus.	do	35		18.2	13.4	13.6	*73.63*	*86.08*	*101.49*	15.07				7.6
6498 [3]	do	do	45		17.8	13.2	13.3	*74.16*	*85.81*	*100.76*	14.77				7.5
6548	do	do	35		18.0	13.4	13.6	*74.44*	*86.62*	*101.49*	15.00				7.0
425-43 [4]	Leningrad Mus.	do	60		18.2	13.6	13.2	*74.73*	*83.02*	*97.06*	15.00				[10] 7.0
6522 [5]	Moscow Mus.	do	20		17.5	13.1	12.8	*74.86*	*83.66*	*97.71*	14.47				(6.9)
425-26	Leningrad Mus.	do	20		18.4	13.8	13.7	*75.0*	*85.09*	*99.28*	15.30				7.6
4610-1	do	do	50		18.5	13.9	13.9	*75.14*	*80.25*	*93.53*	15.13			[10] 10.9	7.1
6537	Moscow Mus.	do	45		18.1	13.6	12.9	*75.14*	*81.39*	*94.85*	14.87				7.5
6526 [5]	do	do	50		18.2	13.7	12.8	*75.27*	*80.25*	*93.43*	14.90				7.4
425-46	Leningrad Mus.	do	70		18.0	13.6	13.2	*75.56*	*83.54*	*97.06*	14.93				7.0
425-36	do	do	35		17.4	13.2	13.0	*75.86*	*84.97*	*98.48*	14.53				7.2
6532 [6]	Moscow Mus.	do	23		18.7	14.2	12.9	*75.94*	*78.42*	*90.85*	15.27				7.6
6496	do	do	60		17.6	13.4	13.6	*76.14*	*87.74*	*101.49*	14.87				7.2
425-45	Leningrad Mus.	do	20		17.3	13.2	13.0	*76.30*	*85.25*	*98.48*	14.50				7.1
425-49	do	do	25		17.8	13.6	13.0	*76.40*	*82.80*	*95.59*	14.80				7.8
6525	Moscow Mus.	do	55		17.8	13.6	13.2	*76.40*	*84.08*	*97.06*	14.87				7.4
6508 [7]	do	do	24		17.4	13.3	13.0	*76.44*	*84.69*	*97.74*	14.57				7.8
6519 [8]	do	do	28		17.4	13.3	12.8	*76.44*	*83.39*	*96.24*	14.50			[9] 12.5	7.7
425-38	Leningrad Mus.	do	50		17.0	13.0	12.6	*76.47*	*84.00*	*96.92*	14.20				7.0
6541	Moscow Mus.	do	25		17.4	13.4	13.1	*77.01*	*85.06*	*97.76*	14.63				7.7
6533	do	do	75		17.6	13.6	12.8	*77.27*	*82.05*	*94.12*	14.67				
6545 [11]	do	do	22		18.1	14.0	13.6	*77.35*	*84.74*	*97.14*	15.23				6.9
6544	do	do	20		17.8	13.8	13.8	*77.53*	*87.54*	*100.00*	15.13				7.2
6513	do	do	25		17.0	13.2	13.1	*77.65*	*86.75*	*99.24*	14.43				7.4
8114 [12]	do	do	40		18.8	14.6	12.7	*77.66*	*76.05*	*86.99*	15.37			12.8	7.8

6536 [13]	Moscow Mus	Chukchi Peninsula	40		18.0	14.0	13.4	77.78	83.75	95.71.	15.13					7.4
425–37	Leningrad Mus	do	35		18.1	14.1	12.7	77.90	78.88	90.07	14.97					7.3
6504 [3]	Moscow Mus	do	35		17.2	13.4	13.4	77.91	87.58	100.00	14.67					7.5
6543 [3]	do	do	30		17.2	13.4	13.2	77.91	86.27	98.51	14.60					7.5
125–52	Leningrad Mus	do	25		17.6	13.8	12.8	78.41	81.53	92.75	14 73					
753–5 [14]	do	do	35		17.6	13.8	13.0	78.41	82.80	94.20	14.80					7.4
6534	Moscow Mus	do	25		17.8	14.0	13.3	78.65	83.65	95.00	15.03					7.7
198–1 [13]	Leningrad Mus	do	50		17.4	13.8	13.6	79.31	87.18	98.55	14.93					7.7
6510	Moscow Mus	do	60		17.5	13.9	13.3	79.43	84.71	95.68	14.90					7.4
1243 (red) [15]	Leningrad Mus	do	26		18.6	14.8	13.7	79.57	83.04	92.57	15.70					7.7
425–41	do	do	40		17.4	14.1	13.3	81.03	84.44	94.33	14.93					7.0
4610–2	do	do	23		17.0	14.1	13.4	82.94	86.17	95.04	14.83					7.5
425–53	do	do	22		16.6	13.8	13.2	83.13	86.84	95.65	14.53				11.0	6.7
125–30	do	do	24		17.6	14.7	13.6	83.52	84.21	92.52	15.30					7.0
Specimens			(41)		(41)	(41)	(41)	(41)	(41)	(41)	(41)			(4)	(38)	
Totals			1,512		727.8	560.9	540.8				609.82			47.20	280.7	
Averages			36.9		17.75	13 68	13.19	77.07	83.92	96.42	11.87			11.80	7.39	
Minima			20		16.6	13.0	12.6	73.08	76.05	86.99	14.20			10.9	6.7	
Maxima			75		18.8	14.8	13.8	83.52	87.74	101.76	15.70			12.8	7.8	

Footnotes at end of table.

SIBERIA: CHUKCHI—Continued

(Chukchi Peninsula)

FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	*Facial Index, total* $\left(\frac{a \times 100}{c}\right)$	*Facial Index, upper* $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	*Orbital Index, right*	*Orbital Index, left*	Nose—Height	Nose—Breadth, maxim.	*Nasal Index*	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	*Upper Alveolar Arch—Index*
1242 [1] (red)	13.0	.....	*60.00*	10.3	9.2	10.6	70.0	56.5	3.8	3.85	4.4	4.4	*86.36*	*87.50*	5.55	2.5	*45.05*	.....	.....	.....
425–32	13.0	.....	*58.46*	10.3	9.2	10.0	65.5	57.5	3.4	3.45	3.8	3.8	*89.47*	*90.79*	5.1	2.3	*45.10*	5.4	6.8	*79.41*
6507 [2]	14.2	.....	*53.52*	11.0	9.8	10.8	68.0	54.0	3.5	3.45	4.0	3.95	*87.50*	*87.34*	5.25	2.35	*44.76*	5.4	6.6	*81.82*
6498 [3]	13.2	.....	*56.82*	10.4	9.0	10.0	66.0	50.5	3.8	3.8	3.9	4.0	*96.20*	*95.00*	5.05	2.5	*49.50*	5.6	6.7	*83.58*
6548	12.8	.....	*54.69*	9.9	8.7	10.0	70.0	50.0	3.4	3.3	3.8	3.9	*89.47*	*84.62*	5.05	2.4	*47.52*	5.3	5.9	*89.83*
425–43 [4]	12.8	.....	*54.69*	[10] 10.5	9.4	10.2	67.5	52.0	3.55	3.4	3.9	3.9	*91.03*	*87.18*	5.1	2.6	*50.98*	.....	.....	.....
6522 [3]	(12.2)	.....	*56.56*	9.7	8.8	9.6	68.5	58.5	3.3	3.3	3.7	3.7	*89.19*	*89.19*	4.8	2.4	*50.00*	5.1	6.6	*77.27*
425–26	13.2	.....	*57.58*	10.3	9.3	10.4	68.5	57.5	3.5	3.4	3.7	3.4	*94.59*	*100.00*	5.4	2.2	*40.74*	5.4	6.3	*85.71*
4610–1	13.6	*80.15*	*52.21*	10.1	8.8	9.9	67.5	48.5	3.6	3.6	4.0	4.0	*90.0*	*90.00*	5.05	2.4	*47.52*	5.8	6.1	*95.08*
6537	14.1	.....	*53.19*	10.2	9.2	10.0	66.5	59.5	3.6	3.55	4.1	4.0	*87.80*	*88.75*	5.0	2.6	*52.00*	5.6	6.7	*83.58*
6526 [5]	12.5	.....	*59.20*	9.7	8.6	9.5	66.0	57.5	3.6	3.55	3.75	3.65	*96.00*	*97.26*	4.9	2.2	*44.90*	.....	.....	.....
425–46	12.7	.....	*55.12*	9.6	8.4	9.7	69.0	50.0	3.65	.....	4.0	.....	*91.25*	.....	5.0	2.55	*51.00*	.....	.....	.....
425–36	13.0	.....	*56.38*	10.2	9.0	9.9	67.0	54.5	3.8	3.75	4.1	4.2	*92.68*	*89.29*	4.75	2.6	*54.74*	5.5	6.1	*90.16*
6532 [6]	13.0	.....	*58.46*	10.2	8.8	10.0	66.5	50.0	3.65	3.6	3.95	4.0	*92.41*	*90.00*	5.25	2.6	*49.52*	5.4	6.7	*80.60*
6496	13.3	.....	*54.14*	9.5	8.6	9.7	69.0	58.5	3.8	3.7	4.0	3.9	*95.00*	*94.87*	5.1	2.15	*42.16*	5.1	6.5	*78.46*
425–45	12.7	.....	*55.91*	9.7	8.5	9.5	66.5	49.5	3.55	3.5	3.7	3.75	*94.67*	*93.33*	5.1	2.4	*47.06*	5.2	6.3	*82.54*
425–49	12.9	.....	*60.47*	10.3	8.9	10.0	65.5	51.0	3.7	3.6	3.9	4.0	*94.87*	*90.00*	5.3	2.55	*48.11*	5.5	6.2	*88.71*
6525	13.5	.....	*54.81*	10.6	9.0	9.8	63.0	46.0	3.3	3.2	3.7	3.8	*89.19*	*84.21*	5.0	2.55	*51.00*	5.4	6.9	*78.26*
6508 [7]	12.8	.....	*60.94*	9.9	.....	9.8	.....	.....	3.7	3.6	3.9	3.8	*94.87*	*94.74*	5.45	2.35	*43.12*	5.5	6.5	*84.62*
6519 [8]	13.2	*94.70*	*58.33*	10.5	9.2	10.2	66.0	51.0	.....	3.65	.....	[10] 4.0	.....	*91.25*	5.45	2.5	*45.87*	5.6	6.9	*81.16*
425–38	[10] 12.8	.....	*54.69*	9.9	8.6	9.7	67.5	49.5	3.6	3.6	3.9	3.9	*92.31*	*92.31*	4.85	2.35	*48.45*	.....	.....	.....
6541	13.2	.....	*58.33*	10.4	9.1	9.4	60.0	54.5	3.4	3.45	3.6	3.6	*94.44*	*95.83*	4.9	2.25	*45.92*	5.8	6.9	*84.06*
6533	13.5	.....	.....	.....	8.9	10.1	.....	.....	3.55	3.55	4.1	4.1	*86.59*	*86.59*	5.15	2.35	*45.63*	.....	.....	.....
6545 [11]	12.8	.....	*53.91*	10.3	9.2	10.0	67.5	53.5	.....	3.45	.....	3.9	.....	*88.46*	4.8	2.5	*52.08*	5.5	6.6	*83.33*
6544	13.2	.....	*54.55*	9.5	8.8	10.0	72.0	64.0	3.55	3.6	3.85	3.85	*92.21*	*93.51*	5.1	2.4	*47.06*	5.0	6.7	*74.63*
6513	13.0	.....	*56.92*	9.3	8.2	9.4	67.0	52.5	3.8	3.85	3.8	3.7	*100.0*	*104.05*	5.4	2.25	*41.67*	5.0	6.0	*83.33*
8114 [12]	13.7	*93.43*	*56.93*	10.6	9.1	10.2	65.0	45.0	3.65	3.85	4.2	[10] 4.2	*86.90*	*91.67*	5.6	2.2	*39.29*	6.0	6.7	*89.55*

6536 [13]	13.6		*54.41*	10.4	9.2	10.0	65.5	55.5	3.45	3.4	4.2	4.1	*82.14*	*82.93*	4.85	2.2	*45.36*	5.8	6.8	*85.29*
425–37	13.3		*54.89*	10.2	9.0	9.8	65.5	53.0	3.8	3.7	3.8	3.9	*100.*	*94.87*	5.05	2.45	*48.51*	5.6	6.2	*90.32*
6504 [3]	13.5		*55.56*	9.8	8.6	9.7	66.5	54.5	3.55	3.6	4.0	4.0	*88.75*	*90.00*	5.1	2.4	*47.06*	5.4	6.4	*84.38*
6543 [3]	13.7		*54.75*	10.3	9.1	10.0	66.0	55.0	3.75	3.75	3.9	3.9	*96.15*	*96.15*	5.1	2.05	*40.20*	5.5	6.2	*88.71*
425–52	13.4					9.5				3.35		3.9		*85.90*						
753–5 [14]	13.0		*56.92*	9.7	8.4	9.6	66.5	50.5	3.55	3.75	4.0	4.0	*88.75*	*93.75*	5.2	2.3	*44.23*	5.1	6.1	*83.61*
6534	13.6		*56.62*	10.7	9.2	10.0	63.0	50.0	3.6	3.65	4.0	4.0	*90.00*	*91.25*	5.1	2.4	*47.06*	6.1	7.4	*82.43*
198–1 [13]	13.0		*59.23*	9.9	8.7	10.2	69.5	56.5		3.6		3.9		*92.31*	5.1	2.2	*43.14*	5.5	6.3	*87.30*
6510	12.9		*57.36*	10.2	9.2	9.8	65.5	60.0	3.4	3.5	3.7	3.7	*91.89*	*94.59*	5.0	2.45	*49.00*			
1243 (red) [13]	13.2		*58.33*	11.0	9.6	10.5	65.5	52.0	3.7	3.65	3.95	3.9	*98.67*	*93.59*	5.15	2.2	*42.72*	5.9	7.1	*83.10*
425–41	13.7		*51.09*	10.6	9.4	10.0	66.0	52.0	3.5	3.5	4.25	4.25	*82.35*	*82.35*	4.95	2.45	*49.49*			
4610–2	13.0		*57.69*	10.3	8.8	9.6	63.5	48.5	3.4	3.5	3.8	3.7	*89.47*	*94.59*	5.05	2.35	*46.53*	5.7	6.3	*90.48*
425–53	12.8	*85.94*	*52.34*	9.7	8.8	9.8	71.0	56.5	3.25	3.35	3.7	3.6	*87.84*	*93.08*	4.8	2.35	*48.96*	4.9	6.1	*80.33*
425–30	13.6		*51.47*	9.9	8.8	9.8	68.5	50.5	3.65	3.7	4.0	3.9	*91.25*	*94.87*	5.15	2.2	*42.72*	5.2	6.6	*78.79*
Specimens	(40)	(4)	(39)	(39)	(39)	(41)	(38)	(38)	(37)	(40)	(37)	(40)	(37)	(40)	(40)	(40)	(40)	(32)	(32)	(32)
Totals	528.0			395.6	349.1	406.7	2,538.0	2,026.	132.35	142.60	145.10	156.15			204.05	95		174.8	208.2	
Averages	13.20	*88.56*	*56.08*	10.20	8.95	9.92	66.79	53.32	3.58	3.57	3.92	3.90	*91.21*	*91.32*	5.10	2.38	*46.56*	5.46	6.51	*83.96*
Minima	12.5	*80.15*	*51.09*	9.3	8.2	9.4	60.0	45.0	3.25	3.2	3.6	3.4	*82.14*	*82.35*	4.75	2.05	*39.29*	4.9	5.9	*74.6*
Maxima	13.7	*94.70*	*60.94*	11.0	9.6	10.8	72.0	64.0	3.8	3.85	4.4	4.4	*100.00*	*104.05*	5.60	2.60	*54.74*	6.10	7.4	*95.0*

[1] Vault old syphilitic.
[2] Somewhat ♂-like, but probably ♀.
[3] Nasal shelves occasional; subnasal grooves frequent; occasional torus palatinus.
[4] Left upper median incisor lost long ago.
[5] Right upper median incisor lost long ago.
[6] Signs of old osteoporosis in both orbits; vault syphilitic.
[7] Atlas synostosed with occiput.
[8] Vault badly syphilitic.
[9] Allowance made for wear of teeth.
[10] Near.
[11] Right malar anomalous.
[12] Somewhat ♂-like, but probably ♀.
[13] Vault syphilitic.
[14] Syphilitic vault; nose somewhat affected.
[15] Somewhat ♂-like, but probably strong ♀.

SIBERIA: CHUKCHI
(Anadyr Region)
MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
7539	Leningrad Mus	Anadyr Region	35		19.0	13.6	13.5	*71.6*	*83.8*		15.37			13.4	8.3
42539	do	do	50		19.0	13.8	14.4	*72.6*	*87.8*		15.73			13.9	8.5
42534	do	do	30		19.0	14.1	13.4	*74.2*	*81.0*		15.50			-----	7.7
831	V.-M.A.L.[2]	do	Adult		18.8	14.2	13.6	*75.5*	*82.4*		15.53				8.2
4255	Leningrad Mus	do	45		19.1	14.5	13.8	*75.9*	*82.1*		15.80				8.3
4251	do	do	60		19.2	14.6	13.6	*76.0*	*80.5*		15.80				7.6
4256	do	do	50		18.8	14.1	13.1	*76.2*	*79.6*		15.33				8.4
874	V.-M.A.L	do	Adult		18.5	14.1	13.3	*76.2*	*81.6*		15.30				7.9
42535	Leningrad Mus	do	50		18.3	14.0	13.4	*76.5*	*83.0*		15.23			13.2	8.0
42533	do	do	35		18.4	14.1	13.3	*76.6*	*81.9*		15.27			13.3	8.1
830	V.-M.A.L	do	Adult		18.4	14.1	13.3	*76.6*	*81.9*		15.27				7.7
871	do	do	do		18.2	14.0	13.4	*76.9*	*83.2*		15.20				6.8
4252	Leningrad Mus	do	75		18.5	14.3	13.6	*77.3*	*82.9*		15.47				-----
7534	do	do	30		18.5	14.3	14.2	*77.3*	*86.6*		15.67				-----
823	V.-M.A.L	do	Adult		18.1	14.0	13.6	*77.4*	*84.7*		15.23				7.5
42527	Leningrad Mus	do	55		19.0	14.7	14.4	*77.4*	*85.5*		16.03				8.1
75311	do	do	45		17.8	13.9	14.0	*78.1*	*88.3*		15.23			13.2	8.1
833	V.-M.A.L	do	Adult		17.3	13.6	13.6	*78.6*	*88.0*		14.83			12.7	7.5
42540	Leningrad Mus	do	50		18.4	14.5	13.6	*78.8*	*83.7*		15.50				7.9
42529	do	do	55		18.0	14.2	13.3	*78.9*	*82.6*		15.17				-----
42544	do	do	30		19.1	15.1	13.3	*79.1*	*77.8*		15.83			13.3	8.2
42543	do	do	35		18.4	14.6	13.7	*79.4*	*83.0*		15.57			13.6	8.5
878	V.-M.A.L	do	Adult		18.5	14.7	14.2	*79.5*	*85.5*		15.80				7.8
4254	Leningrad Mus	do	30		18.6	14.8	14.8	*79.6*	*88.6*		16.07				8.3
4253	do	do	28		17.7	14.4	12.8	*81.4*	*79.8*		14.97				8.2
819	V.-M.A.L	do	Adult		18.0	14.8	13.5	*82.2*	*82.3*		15.43				7.9
827	do	do	do		17.6	14.6	13.6	*82.9*	*84.5*		15.27				8.0
Specimens			(18)		(27)	(27)	(27)	(27)	(27)		(27)			(8)	(24)
Totals			788		498.2	385.7	368.3				417.4			106.6	191.5
Averages			43.87		18.45	14.29	13.64	*77.4*	*83.3*		15.46			13.32	7.98
Minima			28		17.3	13.6	12.8	*71.6*	*77.8*		14.83			12.7	7.5
Maxima			75		19.2	15.1	14.8	*82.9*	*88.6*		16.07			13.9	8.5

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
7539	12.8	*104.7*	*64.8*	10.7	9.2	10.2	63.5	53.5	3.6	3.6	3.75	3.7	*96.0*	*97.3*	5.25	2.4	*45.7*	5.8	6.4	*90.6*
42539	13.9	*100.0*	*61.2*	10.9	9.9	10.9	67.0	62.0	3.85	3.9	4.2	4.1	*91.7*	*95.1*	5.6	2.5	*44.6*			
42534	13.7		*56.2*	10.5	9.0	10.2	66.5	50.5	3.7	3.8	4.2	4.2	*88.1*	*90.5*	5.05	2.4	*47.5*	5.6	6.7	*83.6*
831	14.6		*56.2*	10.5	9.2	10.5	67.0	54.5	3.4	3.3	3.95	4.0	*86.1*	*82.5*	5.5	2.35	*42.7*	5.9	7.0	*84.3*
4255	13.9		*59.7*	10.8	9.6	10.6	66.0	57.5	3.9	3.95	4.2	4.1	*92.9*	*96.3*	5.5	2.35	*42.7*	5.7	6.5	*87.7*
4251	15.0		*50.7*	11.3	10.1	10.9	67.0	51.0	3.95	3.9	4.15	4.15	*95.2*	*94.0*	5.5	2.9	*52.7*	5.6	6.4	*87.5*
4256	13.9		*60.4*	10.7	9.6	10.3	63.5	60.0	3.7	3.6	4.1	4.0	*90.2*	*90.0*	5.5	2.4	*43.6*	6.0	7.0	*85.7*
874	13.8		*57.3*	10.2	9.1	10.1	66.5	57.5	3.5	3.45	4.0	4.0	*87.5*	*86.3*	5.4	2.85	*52.8*	5.5	7.2	*76.4*
42535	13.9	*95.0*	*57.6*	10.4	9.4	10.3	66.5	58.5	3.7	3.65	3.9	4.1	*94.9*	*89.0*	5.6	2.55	*45.5*	5.3	6.3	*84.1*
42533	14.4	*92.4*	*56.3*	11.2	10.0	10.8	66.0	59.0	3.5	3.5	4.1	4.2	*85.4*	*83.3*	5.2	2.3	*44.2*	6.0	6.8	*88.2*
830	13.3		*57.9*	10.0	8.4	10.2	69.0	47.5	3.75	3.7	4.1	4.0	*93.8*	*92.5*	5.25	2.3	*43.8*			
871	13.3		*51.1*	10.0	8.9	9.8	68.5	51.0	3.3	3.2	3.75	3.8	*88.0*	*84.2*	4.95	2.4	*48.5*	5.4	6.4	*84.4*
4252	14.5				9.6	10.4			3.6	3.6	4.2	4.1	*85.7*	*87.8*	5.5	2.5	*45.5*			
7534	13.8				9.2	10.8			3.85	3.85	4.0	3.9	*96.3*	*98.7*	5.95	2.55	*42.6*			
823	13.8		*54.4*	10.7	9.6	10.4	67.0	55.5	3.4	3.4	4.0	3.8	*85.0*	*89.5*	5.2	2.35	*45.2*	5.8	6.5	*89.2*
42527	14.5		*55.9*	10.0	9.1	10.6	70.5	61.0	3.6	3.6	4.3	4.2	*83.7*	*85.7*	5.8	2.8	*48.3*			
75311	13.3	*99.3*	*60.9*	10.6	9.2	10.4	66.0	51.5	3.6	3.65	4.1	4.0	*87.8*	*91.3*	5.6	2.4	*42.9*	5.6	6.1	*91.8*
833	13.5	*94.1*	*55.6*	10.6	9.4	10.0	64.0	58.0	3.45	3.45	3.75	3.65	*92.0*	*94.5*	4.6	2.05	*44.6*	5.7	6.1	*93.4*
42540	14.3		*55.2*	10.3	9.4	10.4	68.0	62.0	3.75	3.8	4.15	4.1	*90.4*	*92.7*	5.45	2.45	*45.0*			
42529	14.1									3.5		4.2		*83.3*	5.7	2.25	*39.5*			
42544	15.6	*85.3*	*52.6*	11.1	9.8	10.6	64.5	57.0	3.8	3.7	4.3	4.3	*88.4*	*86.1*	5.2	2.3	*44.2*	5.9	7.4	*79.7*
42543	14.3	*95.1*	*59.4*	10.5	9.3	10.0	62.5	59.0	3.95	3.9	3.9	3.9	*101.3*	*100.0*	5.45	2.45	*45.0*	5.6	6.3	*88.9*
878	14.2		*54.9*		9.0	10.7			3.6	3.55	3.8	3.8	*94.7*	*93.4*	6.0	2.6	*48.3*			
4254	13.8		*60.1*	10.3	9.0	10.5	67.5	55.5	3.75	3.75	4.0	3.9	*93.8*	*96.2*	5.65	2.45	*43.4*	5.7	6.7	*85.1*
4253	14.4		*56.9*	11.1	9.6	9.9	59.5	52.0	3.6	3.6	4.2	4.2	*85.7*	*85.7*	5.3	2.55	*48.1*	5.9	6.7	*88.1*
819	14.5		*54.5*	10.1	9.2	10.4	69.5	59.5	4.2	4.15	4.2	4.1	*100.0*	*101.3*	5.7	2.45	*43.0*			
827	13.8		*58.0*	9.6	8.7	10.0	68.5	61.0	3.5	3.4	4.0	3.85	*87.5*	*88.3*	5.55	2.1	*37.8*			
Specimens	(27)	(8)	(24)	(23)	(26)	(26)	(23)	(23)	(26)	(27)	(26)	(27)	(26)	(27)	(27)	(27)	(27)	(17)	(17)	(17)
Totals	378.9			242.1	242.5	269.9	1,524.5	1,294.5	95.5	98.45	105.3	108.35			146.95	65.95		97.0	112.5	
Averages	14.03	*95.4*	*56.9*	10.53	9.33	10.38	66.3	56.3	3.67	3.65	4.05	4.01	*90.7*	*90.9*	5.44	2.44	*44.9*	5.71	6.62	*86.2*
Minima	12.8	*85.3*	*50.7*	9.6	8.4	9.8	59.5	47.5	3.3	3.2	3.75	3.65	*83.7*	*82.5*	4.6	2.05	*37.8*	5.3	6.1	*76.4*
Maxima	15.6	*104.7*	*64.8*	11.3	10.1	10.9	70.5	62.0	4.2	4.15	4.3	4.3	*101.3*	*101.2*	6.0	2.9	*52.8*	6.0	7.4	*93.4*

[1] Allowance made for wear of teeth, where needed.
[2] Voienno-medicinskaia Akademia (Military Medical Academy), Leningrad.

SIBERIA: CHUKCHI

(Anadyr Region)

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)[1]	Alveol. Pt.-Nasion Height (b)
4258	Leningrad Mus.	Anadyr Region	75		17.9	13.0	13.0	*72.6*	*84.1*		14.63				
42510	do	do	23		17.4	12.8	12.9	*73.6*	*85.4*		14.37				7.2
42516 (prob ♀)	do	do	70		18.9	14.0	13.2	*74.1*	*80.2*		15.37				8.1
834[2]	V.-M.A.L.	do	Adult		17.6	13.2	12.8	*75.0*	*83.1*		14.53			11.7	7.8
42517	Leningrad Mus.	do	50		18.2	13.7	13.5	*75.3*	*84.6*		15.13				7.3
876	V.-M.A.L.	do	Adult		18.8	14.2	12.6	*75.5*	*76.4*		15.20			11.7	7.1
42511	Leningrad Mus.	do	70		17.8	13.5	13.3	*75.8*	*85.0*		14.87				7.2
42513	do	do	35		17.5	13.3	13.4	*76.0*	*87.0*		14.73				7.4
4259	do	do	18		17.8	13.6	12.6	*76.4*	*80.3*		14.67				6.8
42512	do	do	35		17.6	13.6	13.8	*77.3*	*88.5*		15.0				7.7
822	V.-M.A.L.	do	Adult		18.1	14.0		*77.4*							7.6
821	do	do	do		17.0	13.2	13.9	*77.7*	*92.0*		14.70			12.3	7.3
42515	Leningrad Mus.	do	30		17.5	13.7	13.0	*78.3*	*88.3*		14.73				8.0
42514	do	do	45		17.6	13.8	13.3	*78.4*	*84.7*		14.90				7.4
824[2]	V.-M.A.L.	do	Sub-adult		17.2	13.5	13.0	*78.5*	*84.7*		14.57				[2](6.1)
880	do	do	Adult		17.7	13.9	12.5	*78.5*	*79.1*		14.70			11.7	7.1
52452	Leningrad Mus.	do	24		17.7	13.9	14.0	*78.5*	*88.6*		15.20			12.5	7.7
820	V.-M.A.L.	do	Adult		17.5	13.8	12.6	*78.9*	*80.5*		14.63			10.8	7.2
879	do	do	Aged adult		18.0	14.2	12.6	*78.9*	*78.3*		14.93				
42518	Leningrad Mus.	do	45		17.2	13.6	13.1	*79.1*	*85.1*		14.63				7.3
835	V.-M.A.L.	do			17.8	14.2	13.6	*79.8*	*85.0*		15.20				
873	do	do	Adult		17.8	14.2	12.7	*79.8*	*79.4*		14.90			11.0	7.5
872	do	do	do		17.1	13.8	13.3	*80.7*	*86.1*		14.73				7.3
829	do	do	do		15.8	12.8	12.8	*81.0*	*89.5*		13.80				6.7
875	do	do	do		17.8	14.7	11.9	*82.6*	*73.2*		14.80				
828	do	do	do		16.9	14.2	12.6	*84.0*	*81.0*		14.57			11.5	7.1
826	do	do	do		16.6	14.0		*84.3*							7.1
825[2]	do	do	do		16.3	13.8	13.4	*84.7*	*89.0*		14.50				[2](6.7)
Specimens			(12)		(28)	(28)	(26)	(28)	(26)		(26)			(8)	(22)
Totals			520		491.1	381.2	339.4				384.0			93.2	161.9
Averages			43.3		17.54	13.72	13.05	*78.2*	*83.5*		14.77			11.65	7.36
Minima			18		15.8	12.8	11.9	*72.6*	*73.2*		13.80			10.8	6.7
Maxima			75		18.9	14.7	14.0	*84.7*	*92.0*		15.37			12.5	8.1

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
4258	13.1				8.8	10.1			3.45	3.55	4.05	4.1	85.2	86.6	5.1	2.4	47.1			
42510	12.7		56.7	10.5	9.2	9.9	65.0	50.5	3.65	3.65	4.0	4.0	91.2	91.2	4.95	2.3	46.5	5.5	6.6	83.3
42516 (prob. ♀)	13.1		61.8	10.4	9.4	10.4	67.0	65.0	3.8	3.8	3.9	3.8	52.4	100.0	5.5	2.45	44.6			
834	13.2	88.6	59.1	10.4	9.3	10.2	66.5	57.5							5.3	2.4	45.3	5.3	6.4	82.8
42517	13.5		54.1	10.3	9.4	10.0	67.0	60.0	3.55	3.6	3.9	3.9	91.0	92.3	5.15	2.4	46.6			
876	13.0	90.0	54.6	9.5	8.4	9.6	68.5	49.5	3.6	3.5	3.9	3.8	92.3	92.1	5.35	2.3	43.0	5.0	6.5	76.9
42511	13.3		54.1	10.1	8.7	10.0	68.0	45.5	3.7	3.7	4.15	4.15	89.2	89.2	5.2	2.65	51.5			
42513	12.9		57.4	10.2	9.0	9.8	65.5	53.5	3.6	3.65	3.9	3.9	92.3	93.6	5.1	2.15	42.2	5.5	6.2	88.7
4259	12.7		53.5	9.9	9.0	10.9	79.0	59.0	3.45	3.5	3.7	3.8	93.2	92.1	4.85	2.45	50.5	5.0	6.0	83.3
42512	13.0		59.2	10.0	8.9	10.4	70.5	57.0	3.75	3.75	4.0	3.9	93.8	96.2	5.25	2.6	49.5	5.5	6.2	88.7
822	12.8		59.4						3.65	3.6	4.0	3.9	91.3	92.3	5.45	2.2	40.4	5.0	6.1	82.0
821	13.4	91.8	54.5	9.8	8.8	10.0	69.5	57.0	3.4	3.35	3.6	3.65	94.4	91.8	5.15	2.0	38.8	5.4	6.4	84.4
4255	13.3		60.1	10.2	9.2	9.9	65.0	61.0	3.55	3.55	3.85	3.85	92.2	92.2	5.3	2.4	45.3	5.9	6.6	89.4
42514	13.2		56.1	10.2	9.0	9.8	65.0	53.5	3.7	3.7	4.2	4.2	88.1	88.1	5.05	2.65	52.5	5.6	6.6	84.9
824[2]	[2](12.2)		(50.0)	(9.0)	(8.0)	(9.2)	(72.0)	(48.5)	3.25	3.25	3.8	3.7	85.5	87.8	4.6	2.8	60.9	4.7	5.8	81.0
880	13.2	88.6	53.8	9.9	9.0	10.0	70.0	58.5	3.15	3.15	3.5	3.45	90.0	91.3	5.1	2.5	49.0	5.0	6.1	82.0
52452	13.7	91.2	56.2	9.9	8.9	10.2	69.5	58.0	3.5	3.6	3.9	3.8	89.7	94.7	5.5	2.15	39.1	5.5	6.8	80.9
820	13.5	80.0	53.3	9.6	8.7	9.6	68.0	58.5	3.5	3.45	3.9	3.9	89.7	88.5	5.1	2.5	49.0	5.2	6.2	**83.9**
879	13.3				8.1	9.4			3.3	3.3	3.8	3.8	86.8	86.8	4.9	2.7	55.1			
42518	13.3		54.9	9.8	8.8	10.0	70.0	57.5	3.55	3.55	3.8	3.7	93.4	95.9	5.1	2.55	50.0			
835						10.2														
873	13.6	80.9	55.2	10.0	8.8	10.0	68.0	52.0	3.25	3.3	3.75	3.7	86.7	89.2	5.3	2.7	50.9	5.4	6.9	78.3
872	13.1		55.7	9.7	8.8	9.8	69.0	60.0	3.4	3.55	3.75	3.7	90.7	95.9	5.2	2.2	42.3	5.1	6.1	83.6
829	12.6		53.2	9.3	8.2	9.0	66.0	50.0		3.5		3.6		97.2	4.8	2.3	47.9	5.1	6.2	82.3
875	13.6				8.8	9.8			3.35	3.4	3.6	3.5	93.1	97.1	5.4	2.65	49.1			
828	13.1	87.8	54.2	9.1	8.0	9.3	69.0	52.5	3.55	3.55	3.9	3.8	91.0	93.4	5.1	2.2	43.1	4.8	6.0	80.0
826	12.3		57.7							3.7		3.7		100.0	4.75	2.3	48.4	5.0	6.3	79.4
825[2]	[2](11.6)		(57.8)	9.4	8.4	9.0			(Abnormally high and narrow)											
Specimens	(25)	(8)	(22)	(21)	(24)	(25)	(20)	(20)	(23)	(25)	(23)	(25)	(23)	(25)	(26)	(26)	(26)	(19)	(19)	(19)
Totals	328.5			208.2	211.6	247.3	1,366.0	1,116.0	80.65	88.2	88.85	95.3			133.55	62.9		99.5	120.0	
Averages	13.14	87.3	56.1	9.91	8.82	9.89	68.3	55.8	3.51	3.53	3.86	3.81	90.8	92.5	5.14	2.42	47.1	5.24	6.32	82.9
Minima	12.3	80.9	53.2	9.1	8.0	9.0	65.0	45.5	3.15	3.15	3.5	3.45	85.2	86.6	4.6	2.0	38.8	4.7	5.8	76.9
Maxima	13.7	91.8	61.8	10.5	9.4	10.9	79.0	65.0	3.8	3.8	4.2	4.2	94.4	100.0	5.5	2.8	60.9	5.9	6.9	89.4

[1] Allowance made for wear of teeth, where needed.
[2] Somewhat immature.

SIBERIA: CHUKCHI

(Miscellaneous)

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
860	V.-M.A.L.	Chaplin Cape	Adult		18.4	13.8	13.4	*75.0*	*83.2*		15.20				7.6
225028	U.S.N.M.	Arikameche Island (Bering Strait).	30		18.4	14.2	13.2	*77.2*	*81.0*		15.27	1,445			8.4
225025	do	Plover Bay	35		18.8	14.8	13.2	*78.7*	*78.6*		15.60	1,510			7.8
859	V.-M.A.L.	Providenі Bay	Adult		17.8	14.2	14.1	*79.8*	*88.1*		15.37				8.1
225032	U.S.N.M.	do	65		18.7	15.0	13.7	*80.2*	*81.3*		15.80	1,515			
225026	do	Plover Bay	40		18.3	14.8	13.6	*80.9*	*82.2*		15.57	1,575		11.4	7.6
Specimens			(4)		(6)	(6)	(6)	(6)	(6)		(6)	(4)		(1)	(5)
Totals			170		110.4	86.8	81.2				92.8	6,045			39.5
Averages			42.5		18.40	14.47	13.53	*78.6*	*82.4*		15.47	1,511		(11.4)	7.90
Minima					17.8	13.8	13.2	*75.0*	*78.6*		15.20	1,445			7.6
Maxima					18.8	15.0	14.1	*80.9*	*88.1*		15.80	1,575			8.4

FEMALES

225029	U.S.N.M.	Arikameche Island	35		18.2	13.8	13.6	*75.8*	*85.0*		15.20	1,450			7.2

MALES

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Naslon	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index	Lower Jaw—Height at Symphysis
860	13.3	-------	*57.1*	10.6	9.4	10.3	66.5	55.0	3.6	3.65	4.1	4.0	*87.8*	*91.2*	5.2	2.7	*51.9*	-------	-------	-------	-------
225028	14.7	-------	*57.1*	10.2	9.3	10.5	68.0	62.5	3.55	3.6	4.0	4.0	*88.8*	*90.0*	5.9	2.3	*39.0*	5.8	7.2	*80.6*	-------
225025	14.4	-------	*54.2*	10.8	9.5	10.2	64.0	53.0	3.55	3.55	4.0	4.0	*88.8*	*88.8*	5.4	2.2	*40.7*	6.1	7.1	*85.9*	-------
859	13.2	-------	*61.4*	9.9	8.8	10.0	66.5	58.5	3.65	-------	3.9	-------	*93.6*	-------	5.4	2.4	*44.4*	5.3	6.3	*84.1*	-------
225032	14.5	-------	-------	-------	8.5	9.9	-------	-------	3.85	3.85	4.1	4.0	*93.9*	*96.3*	5.6	2.4	*42.9*	-------	-------	-------	-------
225026	13.3	*85.7*	*57.1*	10.0	8.7	9.7	65.0	52.0	3.4	3.3	3.9	3.85	*87.2*	*85.7*	5.2	2.55	*49.0*	5.4	6.9	*78.3*	3.2
Specimens	(6)	(1)	(5)	(5)	(6)	(6)	(5)	(5)	(6)	(5)	(6)	(5)	(6)	(5)	(6)	(6)	(6)	(4)	(4)	(4)	(1)
Totals	83.4	-------	-------	51.5	54.2	60.6	330.0	281.0	21.6	17.95	24.0	19.85	-------	-------	32.7	14.55	-------	22.6	27.5	-------	-------
Averages	13.90	*85.7*	*57.3*	10.30	9.03	10.10	66.0	56.2	3.60	3.59	4.0	3.97	*90.0*	*90.4*	5.45	2.42	*44.5*	5.65	6.87	*82.2*	3.2
Minima	13.2	-------	*54.2*	9.9	8.5	9.7	64.0	52.0	3.4	3.3	3.9	3.85	*87.2*	*85.7*	5.2	2.2	*39.0*	5.3	6.3	*78.3*	-------
Maxima	14.7	-------	*61.4*	10.8	9.5	10.5	68.0	62.5	3.85	3.85	4.1	4.0	*93.9*	*96.3*	5.9	2.7	*51.9*	6.1	7.2	*85.9*	-------

FEMALES

225029	13.2	-------	*54.5*	10.2	9.4	10.3	70.0	61.5	3.45	3.5	3.7	3.7	*93.2*	*94.6*	5.2	2.7	*51.9*	5.5	6.9	*79.7*	-------

CHUKCHI CRANIA, SIBERIA

(Abstract)

Measurement	Male				Female			
	Chukchi Peninsula	Anadyr Region	Miscellaneous	Chukchi All	Chukchi Peninsula	Anadyr Region	Miscellaneous	Chukchi All
Approximate age	(22)	(18)	(4)	(44)	(41)	(12)	(1)	(54)
	42.1	43.8	42.5	42.8	36.9	43.3		38.3
Vault:								
Length	(22)	(27)	(6)	(55)	(41)	(28)		(70)
	18.57	18.45	18.40	18.49	17.8	17.54		17.67
Breadth	(22)	(27)	(6)	(55)	(41)	(28)		(70)
	14.27	14.29	14.47	14.30	13.7	13.72		13.70
Height	(21)	(27)	(6)	(54)	(41)	(26)		(68)
	13.66	13.64	13.53	13.64	13.2	13.05		13.14
Cranial index	(22)	(27)	(6)	(55)	(41)	(28)		(70)
	76.7	*77.4*	*78.6*	*77.3*	*77.1*	*78.2*		*77.5*
Mean height index	(21)	(27)	(6)	(54)	(41)	(26)		(68)
	83.2	*83.3*	*82.4*	*83.2*	*83.9*	*83.5*		*83.8*
Module	(21)	(27)	(6)	(54)	(41)	(26)		(68)
	15.50	15.46	15.47	15.48	14.87	14.77		14.84
Capacity			(4)					
			1,511					
Face:								
Total height	(1)	(8)	(1)	(10)	(4)	(8)		(12)
	(13.5)	13.32	(11.4)	13.15	11.80	11.65		11.70
Upper height	(21)	(24)	(5)	(50)	(39)	(22)		(62)
	7.96	7.98	7.90	7.96	7.37	7.36		7.37
Maximum breadth	(22)	(27)	(6)	(55)	(41)	(25)		(67)
	14.25	14.03	13.90	14.11	13.18	13.14		13.16
Facial index: Total	(1)	(8)	(1)	(10)	(4)	(8)		(12)
	(89.4)	*95.4*	*(85.7)*	*94.1*	*88.6*	*87.3*		*87.7*
Facial index: Upper	(21)	(24)	(5)	(50)	(39)	(22)		(62)
	55.9	*56.9*	*57.3*	*56.5*	*56.0*	*56.1*		*56.0*
Base, etc.:								
Basion—Alveolar point	(21)	(23)	(5)	(49)	(39)	(21)		(61)
	10.58	10.53	10.30	10.52	10.20	9.91		10.07
Basion—Subnasal point	(22)	(26)	(6)	(54)	(39)	(24)		(64)
	9.49	9.33	9.03	9.36	8.95	8.82		8.91
Basion—Nasion	(22)	(26)	(6)	(54)	(41)	(25)		(67)
	10.52	10.38	10.10	10.41	9.92	9.89		9.91
Facial angle	(21)	(23)	(5)	(49)	(38)	(20)		(59)
	67.3	66.3	66.0	66.7	66.8	68.3		67.4
Alveolar angle	(21)	(23)	(5)	(49)	(38)	(20)		(59)
	58.0	56.3	56.2	56.6	53.3	55.8		54.3

Orbits:								
Mean height	(22)	(27)	(6)	(54)	(40)	(25)	----------	(66)
	3.70	3.66	3.60	3.67	3.57	3.52	----------	3.55
Mean breadth	(22)	(27)	(6)	(54)	(40)	(25)	----------	(66)
	4.08	4.03	3.99	4.04	3.91	3.83	----------	3.88
Index	(22)	(27)	(6)	(54)	(40)	(25)	----------	(66)
	90.8	*90.8*	*90.2*	*90.7*	*91.3*	*91.6*	----------	*91.5*
Nose:								
Height	(22)	(27)	(6)	(55)	(40)	(26)	----------	(67)
	5.51	5.44	5.45	5.47	5.10	5.14	----------	5.12
Breadth	(22)	(27)	(6)	(55)	(40)	(26)	----------	(67)
	2.44	2.44	2.42	2.44	2.38	2.42	----------	2.40
Index	(22)	(27)	(6)	(55)	(40)	(26)	----------	(67)
	44.4	*44.9*	*44.5*	*44.6*	*46.6*	*47.1*	----------	*46.8*
Upper Alveolar Arch:								
Length	(19)	(17)	(4)	(40)	(32)	(19)	----------	(52)
	5.71	5.71	5.65	5.70	5.46	5.24	----------	5.38
Breadth	(19)	(17)	(4)	(40)	(32)	(19)	----------	(52)
	6.80	6.62	6.87	6.73	6.51	6.32	----------	6.44
Index	(19)	(17)	(4)	(40)	(32)	(19)	----------	(52)
	83.9	*86.2*	*82.2*	*84.7*	*84.0*	*82.9*	----------	*83.5*

SIBERIA: MONGOL

MALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
278782	U.S.N.M.	Urga	50		[1,2]19.4	14.4	13.8	*74.2*	*81.7*		15.87	1,520.0		13.8	8.4
278794	do	do	55		19.8	14.8	13.0	*74.7*	*75.1*		15.87	1,680.0			7.6
278772	do	do	26		[1,2]18.7	14.2	12.0	*75.9*	*72.9*		14.97	1,550.0		12.7	8.0
278783	do	do	35		19.2	14.6	13.1	*76.0*	*77.5*		15.63	1,550.0			7.8
278768	do	do	45		19.2	14.6	13.7	*76.0*	*81.1*		15.83	1,730.0			[1]7.4
278777	do	do	50		19.2	14.8	13.1	*77.1*	*77.1*		15.70	1,610.0		12.7	7.3
278769	do	do	65		19.2	14.8	13.4	*77.1*	*78.8*		15.80	1,630.0			
278781	do	do	35	Asymmetry	18.1	14.0	13.2	*77.3*	*82.2*		15.10	1,450.0			7.9
278791	do	do	40		18.6	14.4	12.5	*77.4*	*75.8*		15.17	1,500.0			8.1
278793	do	do	50		18.7	14.5	12.4	*77.5*	*74.7*		15.20	1,500.0			
278856	do	do	28		19.4	15.1	12.8	*77.8*	*74.2*		15.77	1,560.0		13.2	7.8
278860	do	do	45		[2]19.5	15.2	13.2	*77.9*	*76.1*		15.97	1,620.0			8.2
278798	do	do	55		18.6	14.5	11.8	*78.0*	*71.3*		14.97	1,500.0			7.5
278848	do	do	30		18.3	14.3	13.6	*78.1*	*83.4*		15.40	1,530.0		12.6	7.7
278775	do	do	26		[2]18.6	14.6	14.0	*78.5*	*84.3*		15.73	1,740.0			8.6
278833	do	do	65	Slight frontal bilateral flattening.	18.4	14.5	13.2	*78.8*	*80.24*		15.37	1,480.0		[1]12.4	7.6
278870	do	do	35		19.4	15.3	13.7	*78.9*	*79.0*		16.13	1,750.0			8.5
278873	do	do	50		[2]19.0	15.0	14.0	*78.9*	*83.4*		16.00	1,720.0			
278843	do	do	50		[2]19.0	15.0	13.4	*78.9*	*78.8*		15.80	1,480.0		[1]12.2	7.8
278776	do	do	35		18.5	14.6	12.8	*78.9*	*77.3*		15.30	1,550.0		13.6	8.0
278865	do	do	40		19.1	15.1	13.6	*79.1*	*79.5*		15.93	1,770.0			8.0
278803	do	do	50		18.2	14.4	12.7	*79.1*	*77.9*		15.10	1,500.0			
278896	do	do	45		18.3	14.5	13.2	*79.2*	*80.5*		15.33	1,510.0			8.1
278899	do	do	50		18.4	14.6	13.4	*79.3*	*81.2*		15.47	1,500.0			8.4
278924	do	do	24		18.8	14.9	13.4	*79.3*	*79.5*		15.70	1,650.0			6.6
278886	do	do	60		18.6	14.8	12.8	*79.6*	*76.6*		15.40	1,450.0			
278790	do	do	35		[2]19.1	15.2	13.9	*79.6*	*81.0*		16.07	1,650.0			8.5
278736	do	do	55		[2]18.7	14.9	13.5	*79.7*	*80.4*		15.70	1,620.0		[1]13.6	[1]8.8
278809	do	do	45		[2]18.7	14.9	13.6	*79.7*	*81.0*		15.73	1,600.0			8.0
278900	do	do	50		18.3	14.6	13.2	*79.8*	*80.2*		15.37	1,480.0			8.0
278829	do	do	40		18.3	14.6	13.1	*79.8*	*79.6*		15.33	1,430.0			8.0
278872	do	do	70		18.3	14.6	13.0	*79.8*	*79.0*		15.30	1,500.0			
27883	do	do	40		18.5	14.8	13.6	*80.0*	*81.7*		15.63	1,620.0			7.7
278916	do	do	24		18.0	14.4	12.9	*80.0*	*79.6*		15.10	1,460.0			7.5

278785	do	do	35		[2] 19.0	15.2	13.9	*80.0*	*81.3*		16.03	1,740.0			8.4
278852	do	do	40		[2] 18.6	14.9	13.6	*80.1*	*81.2*		15.70	1,670.0		13.8	8.4
278796	do	do	35		18.6	14.9	13.7	*80.1*	*81.8*		15.73	1,610.0		12.8	7.8
278883	do	do	35		19.2	15.4	13.5	*80.2*	*78.9*		16.03	(1,825.0)			8.2
278789	do	do	35		18.4	14.8	13.2	*80.4*	*79.6*		15.47	1,510.0		12.5	7.8
278877	do	do	65		17.9	14.4	13.2	*80.4*	*81.7*		15.17	1,620.0			7.2
278820	do	do	35		19.1	15.4	13.4	*80.6*	*77.7*		15.97	1,710.0			7.4
278907	do	do	24		18.0	14.5	12.9	*80.6*	*79.4*		15.13	1,500.0			7.7
278889	do	do	60		18.7	15.1	13.4	*80.7*	*79.3*		15.73	1,580.0			7.4
278828	do	do	55		18.3	14.8	13.2	*80.9*	*79.8*		15.43	1,510.0			
278927	do	do	65		18.5	15.0	13.4	*81.1*	*80.0*		15.63	1,510.0			8.2
278915	do	do	50		18.6	15.1	13.3	*81.2*	*78.9*		15.67	1,630.0			8.1
278854	do	do	40		17.6	14.3	13.2	*81.3*	*82.8*		15.63	1,470.0		12.7	7.4
278745	do	do	30		17.2	14.0	13.4	*81.4*	*85.9*		14.87	1,440.0			7.3
278842	do	do	70		18.9	15.4	12.6	*81.5*	*73.5*		15.63	1,450.0			
278862	do	do	35		17.9	14.6	13.3	*81.6*	*81.8*		15.27	1,485.0			7.7
278879	do	do	55		18.6	15.2	12.2	*81.7*	*72.2*		15.33	1,450.0			
278808	do	do	40		18.7	15.3	14.2	*81.8*	*83.5*		16.07	1,680.0		13.0	7.6
278830	do	do	40		17.7	14.5	12.6	*81.9*	*78.3*		14.93	1,410.0		12.4	7.6
278894	do	do	40		19.5	16.0	13.4	*82.1*	*75.5*		16.30	1,760.0			
278806	do	do	35		19.5	16.0	13.4	*82.1*	*75.5*		16.30	1,690.0			9.0
278857	do	do	35		18.5	15.2	12.8	*82.2*	*76.0*		15.50	1,660.0			7.9
278910	do	do	40		19.2	15.8	13.2	*82.3*	*75.4*		16.07	1,730.0			8.1
278821	do	do	30		18.6	15.3	13.9	*82.3*	*82.0*		15.93	1,800.0			7.0
278822	do	do	65		19.2	15.8	12.9	*82.3*	*73.7*		15.97	1,660.0			8.4
278827	do	do	26		17.7	14.6	12.2	*82.5*	*75.5*		14.83	(1,315.0)		12.5	7.5
278855	do	do	20		18.3	15.1	13.4	*82.5*	*89.2*		15.60	1,660.0		12.3	7.7
278835	do	do	35		18.9	15.6	11.4	*82.5*	*66.1*		15.30	1,600.0		13.0	8.0
278847	do	do	45		18.4	15.2	13.2	*82.6*	*78.6*		15.60	1,565.0		12.9	7.7
278866	do	do	75		18.1	15.0	13.9	*82.9*	*84.0*		15.67	1,650 0			
278744	do	do	70		19.3	16.0	13.3	*82.9*	*75.4*		16.20	1,670.0			
278743	do	do	50		18 9	15.7	13.2	*83.1*	*76.3*		15.93	1,630.0		13.4	8.4
278880	do	do	70		18.3	15.2	12.8	*83.1*	*76.4*		15.43	1,530.0			
278902	do	do	26		18.3	15.2	14.4	*83.5*	*86.2*		15.93	1,690.0			7.6
278901	do	do	30		[2] 18.8	15.7	13.6	*83.5*	*78.8*		16.03	1,700.0			8.2
278861	do	do	60		[2] 19.4	16.2	13.4	*83.5*	*75.3*		16.33	1,690 0			8.7
278890	do	do	60		17.7	14.8	13.0	*83.6*	*80.0*		15.17	1,480.0			
278786	do	do	40		17.8	14.9	13.3	*83.7*	*81.3*		15.33	1,530 0			7.6
278844	do	do	35		17.8	14.9	12.7	*83.7*	*77.7*		15.13	1,515.0			6.9
278859	do	do	30		18.2	15.3	13.0	*84.1*	*77.6*		15.50	1,550.0			8.2
278811	do	do	30		18.3	15.4	12.8	*84.2*	*76.0*		15.50	1,540 0		13.4	8.4
278917	do	do	25		17.8	15.0	12.8	*84.3*	*78.0*		15.20	1,550.0			7.6
278816	do	do	24		18.1	15.3	13.0	*84.5*	*77.8*		15.47	1,590.0		12.6	7.6
278875	do	do	55		18.7	15.8	13.7	*84.5*	*79.4*		16.07	1,740.0			
278747	do	do	75		18.4	15.6	13.4	*84.8*	*78.8*		15.80	1,630.0			
278735	do	do	35		18.4	15.6	13.2	*84.8*	*77.6*		15.73	1,620.0			
278748	do	do	50		18.6	15.8	13.6	*84.9*	*79.1*		16.00	1,620.0			8.5
278732	do	do	40		18.1	15.4	12.6	*85.1*	*75.2*		15.37	1,500.0		14.2	8.9
278758	do	do	40		17.4	14.8	13.0	*85.1*	*80.7*		15.07	1,520.0			
278834	do	do	30		17.6	15.0	13.4	*85.2*	*82.2*		15.33	1,540.0		12.6	7.8

[1] Near.
[2] Occipital crest and beaked inion; allowance made for same.

SIBERIA: MONGOL—Continued

MALES—Continued

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlicka's method)	Teeth, wear	Menton-Nasion Height (a) [1]	Alveol. Pt.-Nasion Height (b)
278845	U. S. N. M.	Urga	60		[2]17.3	14.8	12.7	*85.5*	*79.1*		14.93	1,345.0			
278759	do	do	60		[2]17.5	15.0	12.8	*85.7*	*78.8*		15.10	1,450.0			7.8
278755	do	do	65		18.2	15.6	12.9	*85.7*	*76.3*		15.57	1,620.0			7.6
278757	do	do	60		18.4	15.8	12.7	*85.9*	*74.3*		15.63	1,560.0			8.2
278767	do	do	30		17.8	15.3	13.4	*86.0*	*81.0*		15.50	1,620.0			8.0
278884	do	do	35		18.6	16.0	13.2	*86.0*	*76.3*		15.93	1,710.0			7.7
278805	do	do	45		18.6	16.0	13.2	*86.0*	*76.3*		15.93	1,685.0			8.3
278754	do	do	40		18.0	15.5	13.2	*86.1*	*78.8*		15.57	1,530.0		13.8	8.2
278729	do	do	50		[2]18.2	15.7	13.1	*86.3*	*77.3*		15.67	1,590.0			
278725	do	do	26		17.6	15.2	13.3	*86.4*	*81.1*		15.37	1,660.0		12.2	7.1
278849	do	do	35		17.6	15.2	13.4	*86.4*	*81.7*		15.40	1,550.0		12.7	7.7
278760	do	do	45		18.7	16.2	13.5	*86.6*	*77.4*		16.13	1,750.0			8.8
278723	do	do	40		18.5	16.1	13.2	*87.0*	*76.3*		15.93	1,810.0			7.8
278731	do	do	50		[2]18.3	16.0	13.0	*87.4*	*75.8*		15.77	1,610.0			
278814	do	do	65		18.2	15.9	13.1	*87.4*	*76.8*		15.73	1,640.0			
278887	do	do	40		17.9	15.7	13.2	*87.7*	*78.6*		15.60	1,740.0			8.1
278740	do	do	25		17.2	15.2	13.8	*88.4*	*85.2*		15.40	1,570.0			7.6
278722	do	do	60		17.6	15.6	13.4	*88.6*	*80.7*		15.53	1,530.0			8.3
278724	do	do	35		17.5	15.5	12.0	*88.6*	*72.7*		15.00	1,550.0		12.4	7.4
278751	do	do	60		17.2	15.9	13.0	*92.4*	*78.5*		15.37	1,660.0		13.6	8.3
Specimens			(104)		(104)	(104)	(104)	(104)	(104)		(104)	(102)		(29)	(82)
Totals			4,589		1,918.2	1,571.7	1,370.8				1,620.21	162,155		375.6	648.6
Averages			44.1		18.44	15.11	13.18	*81.94*	*78.56*		15.58	1,589.7		12.95	7.91
Minima			24		17.2	14.0	11.4	*74.2*	*66.1*		14.83	1,345.0		12.2	6.6
Maxima			75		19.8	16.2	14.4	*92.4*	*86.2*		16.33	1,810.0		14.2	9.0

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
278782	14.1	97.9	59.6	10.8	9.3	11.0	68.5	50.5	3.6	3.55	3.8	3.75	94.7	94.7	5.85	2.45	41.9	5.9	6.8	86.8
278794	14.6	------	52.0	10.8	9.8	11.1	72.0	55.5	3.85	3.75	4.1	4.1	93.9	91.5	5.7	3.0	52.6	------	------	------
278772	13.8	92.0	58.0	8.9	7.6	9.8	70.5	50.5	3.85	3.7	4.1	4.1	93.9	90.2	5.8	2.5	43.1	5.1	6.3	81.0
278783	13.8	------	56.5	10.0	9.0	10.2	68.5	56.0	3.35	3.5	4.1	4.1	81.7	85.4	5.7	2.8	49.1	5.6	6.7	83.6
278768	13.6	------	54.4	[1]9.9	9.0	10.6	74.0	58.0	3.5	3.6	3.75	3.8	97.2	94.7	5.5	2.5	45.5	------	------	------
278777	14.8	85.8	49.3	9.6	8.8	10.6	76.0	56.5	3.8	3.9	4.1	4.2	92.7	92.9	5.75	2.9	50.4	5.0	6.4	78.1
278769	14.3	------	------	------	9.3	10.7	------	------	3.5	3.6	3.7	3.75	94.6	96.0	5.55	2.9	52.3	------	------	------
278781	13.9	------	56.8	8.9	8.1	9.8	71.0	61.5	3.6	3.5	3.75	3.75	96.0	93.3	5.65	2.65	46.9	4.8	6.3	76.2
278791	13.9	------	58.3	9.8	8.6	9.8	65.5	53.0	3.5	3.55	3.8	4.0	92.1	88.8	5.75	2.75	47.8	5.5	7.0	78.6
278793	------	------	------	------	8.4	10.0	------	------	3.6	3.5	3.7	3.7	97.3	94.6	5.8	2.7	46.6	------	------	------
278856	14.4	91.7	54.2	10.6	9.2	10.6	68.0	48.5	3.4	3.4	3.8	3.7	89.5	91.9	5.55	2.4	43.2	5.7	6.8	83.8
278860	14.3	------	57.3	10.4	9.0	10.4	67.0	52.0	3.7	------	3.9	------	94.9	------	5.6	2.8	50.0	5.8	6.9	84.1
278798	13.7	------	54.7	10.3	9.2	10.0	66.5	54.0	3.4	3.4	3.6	3.8	94.4	89.5	5.3	2.6	49.1	5.6	6.5	86.2
278848	14.0	90.0	55.0	10.3	9.0	10.3	68.0	53.5	3.3	3.4	3.9	3.7	84.6	91.9	5.2	2.8	53.9	5.6	6.6	84.9
278775	13.7	------	62.8	9.9	8.6	10.3	67.5	55.5	3.9	3.9	3.8	3.8	102.6	102.6	5.8	2.55	44.0	5.9	6.5	90.8
278833	14.2	87.3	53.5	9.8	8.7	10.2	70.0	56.0	3.7	3.6	4.1	4.05	90.2	88.9	5.3	2.6	49.1	------	------	------
278870	15.1	------	56.3	10.2	9.0	11.0	71.0	53.0	3.5	3.4	4.15	4.1	84.3	82.9	6.3	2.8	44.4	5.5	7.3	75.3
278873	14.3	------	------	------	9.5	11.0	------	------	3.65	3.75	4.1	3.9	89.0	96.2	5.5	2.9	52.7	------	------	------
278843	14.7	83.0	53.1	10.2	9.4	11.0	74.0	61.0	3.4	3.35	3.9	3.9	87.2	85.9	5.35	3.05	52.1	5.1	6.8	75.0
278776	14.6	93.2	54.8	10.1	8.8	10.0	65.5	48.5	3.6	3.7	3.9	3.8	92.3	97.4	5.95	3.0	50.4	5.5	6.7	82.1
278865	14.2	------	56.3	10.8	9.6	11.0	70.0	53.5	3.75	3.7	4.0	4.1	93.8	90.2	5.7	2.6	45.6	5.9	7.0	84.3
278803	13.9	------	------	------	8.2	10.0	------	------	3.6	3.7	4.0	4.1	90.0	90.2	5.65	2.8	49.6	------	------	------
278896	14.6	------	55.5	10.0	9.0	10.6	71.0	58.0	3.6	3.55	3.7	3.7	97.3	95.9	5.9	2.8	47.5	5.5	6.5	84.6
278899	14.8	------	56.8	10.6	9.5	10.8	68.0	56.0	3.65	------	4.0	------	91.3	------	6.1	2.8	44.3	5.6	6.5	86.2
278924	13.8	------	47.8	9.6	8.8	10.0	73.5	57.5	3.1	3.25	3.7	3.65	83.8	89.0	5.0	2.7	54.0	5.1	6.0	85.0
278886	14.5	------	------	------	8.7	10.7	------	------	4.15	4.0	4.0	4.0	103.8	100.0	5.85	2.9	49.6	------	------	------
278790	14.7	------	57.8	10.4	9.7	10.8	68.5	66.5	3.85	3.95	3.9	3.85	98.7	102.6	5.8	2.55	44.0	5.6	7.2	77.8
278736	14.6	93.2	60.8	10.1	8.8	10.4	66.0	54.0	3.75	3.7	3.95	3.9	94.9	94.9	6.1	2.7	44.3	5.5	6.5	84.6
278809	15.5	------	61.6	9.7	8.9	10.8	74.0	62.5	3.55	3.6	3.9	3.8	91.0	94.7	5.6	2.8	50.0	5.1	7.0	72.9
278900	13.9	------	57.6	9.6	8.4	9.9	67.5	53.0	3.8	3.75	3.6	3.6	105.6	104.2	5.75	2.5	43.5	5.2	6.9	75.4
278829	14.5	------	55.2	9.9	8.8	10.6	71.5	54.0	3.4	3.55	4.0	3.9	85.0	91.0	5.9	2.75	46.6	5.6	6.8	82.4
278872	14.1	------	------	------	8.9	10.5	------	------	3.5	3.5	4.05	3.95	86.4	88.6	5.6	3.0	53.6	------	------	------
278883	14.7	------	52.4	9.6	9.0	10.6	74.5	64.5	3.5	3.55	3.8	3.8	92.1	93.4	6.0	3.0	50.0	4.9	6.4	76.6
278916	14.3	------	52.4	10.2	9.0	10.2	68.0	50.0	3.4	3.35	3.9	3.8	87.2	88.2	5.5	2.7	49.1	5.6	6.8	82.4
278785	14.4	------	48.3	9.7	8.6	10.6	71.0	55.0	3.8	3.7	4.1	4.0	92.7	92.5	6.2	3.05	49.2	5.1	6.8	75.0
278852	14.0	98.6	60.0	9.8	8.6	10.2	67.5	56.0	4.05	4.0	4.1	4.0	98.8	100.0	5.8	2.9	50.0	5.4	6.9	78.3
278796	14.2	90.1	54.9	10.4	9.4	10.8	71.0	58.0	3.55	3.6	4.0	3.9	88.8	92.3	5.6	3.0	53.6	5.6	7.0	80.0
278888	14.3	------	57.3	9.4	8.2	9.9	68.0	55.0	3.85	3.85	3.75	3.8	102.7	101.3	5.65	2.55	45.1	5.3	6.7	79.1

SIBERIA: MONGOL—Continued

MALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
278789	14.3	87.4	54.5	10.0	8.6	9.8	65.5	47.0	3.45	3.6	4.05	4.0	85.2	90.0	5.65	3.0	53.1	5.5	6.8	80.9
278877	14.3	------	50.3	9.9	8.8	9.8	68.0	56.5	3.9	3.95	3.9	3.9	100.0	101.3	4.8	2.55	53.1	------	------	------
278820	14.6	------	50.7	10.4	9.4	10.6	71.0	55.0	3.65	3.65	4.0	4.0	91.3	91.3	5.5	2.85	51.8	5.5	7.0	78.6
278907	13.7	------	56.2	10.1	9.2	10.4	70.0	56.0	3.55	3.65	4.0	3.9	88.8	93.6	5.85	2.8	47.9	5.6	6.7	83.6
278889	14.8	------	50.0	9.4	8.6	10.4	75.5	60.0	3.35	3.35	3.9	3.9	85.9	85.9	5.5	2.5	45.6	4.9	6.4	76.6
278828	13.7	------	------	------	8.0	9.3	------	------	3.25	3.25	3.7	3.7	87.8	87.8	5.3	3.1	58.5	------	------	------
278927	14.3	------	57.3	10.3	8.9	10.6	68.5	45.5	3.6	3.8	4.0	4.0	90.0	95.0	6.25	2.8	44.8	------	------	------
278915	13.4	------	60.5	9.2	8.0	9.4	65.5	55.5	3.8	3.75	3.9	4.0	97.4	93.8	5.4	2.6	48.2	5.2	6.3	82.5
278854	13.9	91.4	58.2	9.7	8.8	9.9	69.5	58.5	3.5	3.45	3.7	3.8	94.6	90.8	5.3	2.8	52.8	5.2	6.7	77.6
278745	13.5	------	54.1	9.9	8.4	9.6	66.0	42.5	3.25	3.4	3.9	3.9	83.3	87.2	5.3	2.75	51.9	5.3	6.3	84.1
278842	14.6	------	------	------	8.9	10.4	------	------	3.35	3.3	3.75	3.7	89.3	89.2	5.85	2.85	48.7	------	------	------
278862	13.7	------	56.2	10.1	9.1	10.0	67.0	56.0	3.25	3.4	3.6	3.6	90.3	94.4	5.6	2.6	46.4	5.2	6.9	75.4
278879	14.7	------	------	------	9.5	9.8	------	------	3.7	3.75	4.15	4.0	89.2	93.8	5.8	2.7	46.6	------	------	------
278808	14.8	87.8	51.4	9.5	8.8	10.6	76.0	64.0	3.4	3.5	3.8	3.75	89.5	93.3	5.5	2.5	45.5	5.0	6.4	78.1
278830	13.8	89.9	55.1	10.3	9.4	10.3	68.0	60.0	3.45	3.45	3.75	3.7	92.0	93.2	5.4	2.7	50.0	5.6	6.6	84.9
278894	------	------	------	------	9.2	10.8	------	------	------	3.8	------	4.0	------	95.0	5.8	3.0	51.7	------	------	------
278806	15.4	------	58.4	10.8	9.4	11.0	66.5	51.5	4.2	4.2	4.1	4.1	102.4	102.4	6.5	2.7	41.5	5.9	7.0	84.3
278857	13.5	------	58.5	10.4	8.8	10.0	64.5	47.0	3.35	3.5	3.95	3.9	84.8	89.7	5.35	2.6	48.6	5.8	6.8	85.3
278910	14.7	------	55.1	10.6	9.4	11.0	70.5	55.0	3.8	3.65	4.2	4.1	90.5	89.0	5.8	3.0	51.7	5.5	7.0	78.6
278821	13.9	------	50.4	9.3	8.4	10.0	74.5	57.0	3.25	3.35	3.6	3.6	90.3	93.1	5.1	2.75	53.9	------	------	------
278822	15.0	------	56.0	9.9	8.6	10.4	68.5	52.5	3.8	3.95	4.15	4.05	91.6	97.5	6.0	3.0	50.0	5.6	6.7	83.6
278827	13.9	89.9	54.0	10.3	8.8	9.7	64.0	48.0	3.35	3.4	3.7	3.65	90.5	93.2	5.05	2.5	49.5	5.5	6.4	85.9
278855	(13.1)	(93.9)	(58.8)	10.0	9.0	10.4	71.0	58.0	3.7	3.75	3.8	3.75	97.4	100.0	5.45	2.7	49.5	5.6	6.4	87.5
278835	14.9	87.3	53.7	9.9	8.4	9.8	65.5	46.5	3.85	3.95	4.2	4.2	91.7	94.0	5.75	2.8	48.7	5.5	6.9	79.7
278847	14.2	90.9	54.2	9.6	8.6	10.2	71.5	57.0	3.4	3.4	3.75	3.7	90.7	91.9	5.55	2.8	50.5	5.0	6.4	78.1
278866	13.7	------	------	------	8.4	9.6	------	------	3.45	3.25	3.8	3.7	90.8	87.8	4.8	2.3	47.9	------	------	------
278744	15.0	------	------	------	10.0	10.8	------	------	3.8	3.75	4.2	4.2	90.5	89.3	5.3	2.8	52.8	------	------	------
278743	15.1	88.7	45.6	9.5	8.4	10.1	68.0	55.0	3.6	3.75	4.1	4.0	87.8	93.8	6.1	2.95	48.4	5.5	7.1	77.5
278880	14.8	------	------	------	8.6	9.7	------	------	3.8	3.75	3.95	3.95	96.2	94.9	5.3	2.75	51.9	------	------	------
278902	14.3	------	53.1	10.5	9.2	10.2	66.5	46.0	3.9	4.0	4.0	4.1	97.5	97.6	5.7	2.8	49.1	5.5	6.7	82.1
278901	14.1	------	58.2	10.3	8.9	10.2	65.5	50.5	3.6	3.55	4.0	4.0	90.0	88.8	5.7	2.9	50.9	5.8	7.0	82.9
278861	15.5	------	56.1	10.8	9.4	10.8	66.0	51.0	3.4	3.3	4.3	4.0	79.1	82.5	6.2	3.2	51.6	------	------	------
278890	13.7	------	------	10.4	9.3	10.8	------	------	3.65	------	4.0	------	91.3	------	5.6	2.5	44.6	------	------	------
278786	14.4	------	52.8	9.8	9.0	10.2	70.0	62.0	3.7	3.7	3.9	3.9	94.9	94.9	5.4	2.6	48.1	5.2	6.4	81.3

278844	13.7	------	*50.4*	9.7	8.8	9.6	68.5	55.0	3.3	3.35	3.7	3.7	*89.2*	*90.5*	5.1	2.7	*52.9*	5.4	6.6	*81.8*
278859	14.3	------	*57.3*	10.1	8.6	10.2	66.5	46.0	3.4	3.4	3.9	3.7	*87.2*	*91.9*	5.95	2.75	*46.2*	5.6	6.9	*81.2*
278811	14.1	*95.0*	*59.6*	9.9	8.6	9.9	65.0	53.0	3.7	3.7	3.8	3.7	*97.4*	*100.0*	5.8	2.45	*42.2*	5.6	6.7	*83.6*
278917	14.3	------	*53.1*	9.9	8.8	10.2	69.5	54.0	3.5	3.5	3.8	3.9	*92.1*	*89.7*	5.55	2.9	*52.3*	5.4	6.7	*80.6*
278816	13.9	*90.7*	*54.7*	9.6	8.4	10.0	70.0	52.5	3.3	3.3	3.55	3.4	*93.0*	*97.1*	5.45	2.2	*40.4*	5.4	6.6	*81.8*
278875	------	------	------	------	9.0	10.4	------	------	3.6	3.5	3.8	3.6	*94.7*	*97.2*	5.7	2.8	*49.1*	------	------	------
278747	15.3	------	------	------	9.4	10.6	------	------	3.7	3.8	4.4	4.2	*84.1*	*90.5*	5.95	3.05	*51.3*	------	------	------
278735	14.0	------	------	------	8.6	10.4	------	------	3.6	3.6	3.9	3.7	*92.3*	*97.3*	5.4	2.5	*46.3*	------	------	------
278748	15.1	------	*56.3*	9.4	8.2	9.8	66.0	55.5	3.75	3.9	4.1	4.0	*91.5*	*97.5*	5.8	2.75	*47.4*	5.3	7.0	*75.7*
278732	14.4	*98.6*	*61.8*	10.9	9.6	10.6	64.0	57.0	3.65	3.7	3.95	3.95	*92.4*	*93.7*	5.9	3.0	*50.9*	6.0	7.5	*80.0*
278758	------	------	------	10.2	8.9	10.0	------	------	3.35	3.45	3.7	3.7	*90.5*	*93.2*	5.35	2.6	*48.6*	5.4	6.7	*80.6*
278834	14.3	*88.1*	*54.5*	8.9	8.0	9.8	71.5	59.5	3.5	3.55	3.85	3.9	*90.9*	*91.0*	5.55	2.7	*48.6*	5.0	6.5	*76.9*
278845	13.9	------	------	------	8.0	9.3	------	------	3.5	3.5	3.9	3.8	*89.7*	*93.1*	5.6	2.75	*49.10*	------	------	------
278759	14.2	------	*54.9*	9.7	8.4	9.6	65.5	54.0	3.6	------	3.9	------	*92.3*	------	5.1	2.65	*52.0*	------	------	------
278755	13.9	------	*54.7*	------	------	10.8	------	------	3.5	3.55	4.0	3.9	*87.5*	*91.0*	5.55	2.65	*47.7*	------	------	------
278757	15.1	------	*54.3*	9.9	8.9	10.4	69.5	59.0	3.6	3.5	4.0	3.9	*90.0*	*89.7*	5.8	3.0	*51.7*	------	------	------
278767	14.2	------	*56.3*	9.6	8.6	10.1	69.0	59.0	3.9	3.9	3.9	3.9	*100.0*	*100.0*	5.5	2.65	*48.2*	5.1	6.7	*76.1*
278884	14.0	------	*55.0*	10.5	9.1	10.4	68.0	48.5	3.45	3.4	3.9	3.9	*88.5*	*87.2*	5.5	2.5	*45.4*	5.8	7.3	*79.5*
278805	14.9	------	*45.70*	------	9.0	10.4	------	------	3.75	3.8	4.1	4.1	*91.5*	*92.7*	6.0	2.6	*43.3*	5.4	6.9	*78.3*
278754	14.2	*97.2*	*57.7*	------	8.8	10.2	------	------	3.9	3.8	4.2	4.1	*92.9*	*92.7*	5.7	2.75	*48.2*	5.4	7.0	*77.1*
278729	14.7	------	------	------	8.6	10.0	------	------	3.4	3.4	4.0	4.1	*85.0*	*82.9*	------	------	------	------	------	------
278725	14.2	*85.9*	*50.0*	9.7	8.2	9.6	67.5	47.0	3.45	3.5	3.9	3.9	*88.5*	*89.7*	4.8	2.6	*54.2*	5.5	6.6	*83.3*
278849	14.3	*88.8*	*53.8*	10.0	9.0	10.3	69.5	55.0	------	3.7	------	3.7	------	*100.0*	5.75	2.7	*47.0*	5.3	6.8	*77.9*
278760	15.5	------	*56.8*	10.0	8.4	10.0	64.0	47.5	3.9	3.85	4.45	4.5	*87.6*	*85.6*	6.2	2.9	*46.8*	------	------	------
278723	15.5	------	*50.3*	10.4	9.1	10.2	66.0	54.0	3.7	3.65	4.25	4.2	*87.1*	*86.9*	5.2	2.95	*56.7*	5.7	6.9	*82.6*
278731	------	------	------	------	8.4	9.8	------	------	3.5	------	4.0	------	*87.5*	------	5.4	2.7	*50.0*	------	------	------
278814	14.4	------	------	------	8.7	10.0	------	------	3.4	3.5	3.9	3.8	*87.2*	*92.1*	5.55	3.0	*56.1*	------	------	------
278887	14.6	------	*55.5*	9.9	8.4	10.2	68.0	48.0	3.7	3.7	4.1	4.15	*90.2*	*89.2*	5.75	2.5	*43.5*	5.5	6.6	*83.3*
278740	14.0	------	*54.3*	10.0	8.9	9.8	66.0	54.0	3.2	3.45	3.75	3.7	*85.3*	*93.2*	5.4	2.5	*46.3*	5.2	6.8	*76.5*
278722	14.2	------	*58.5*	9.4	8.2	9.5	64.5	51.5	3.85	3.85	3.9	3.9	*98.7*	*98.7*	6.1	2.75	*45.1*	------	------	------
278724	14.5	*85.5*	*51.0*	8.6	7.4	8.6	64.5	46.5	3.6	3.65	4.0	4.0	*90.0*	*91.3*	5.5	2.5	*45.6*	4.8	6.4	*75.0*
278751	14.5	*93.8*	*57.2*	------	8.1	9.0	------	------	3.65	------	4.0	------	*91.3*	------	6.0	2.6	*43.3*	5.4	6.6	*81.8*
Specimens	(98)	(28)	(81)	(80)	(103)	(103)	(78)	(78)	(102)	(98)	(102)	(98)	(102)	(98)	(103)	(103)	(103)	(71)	(71)	(71)
Totals	1,405.2	------	------	797.5	907.7	1,063.1	5,359.5	4,227.0	366.5	354.05	400.1	380.6	------	------	580.45	282.05	------	385.2	477.3	------
Averages	14.34	*90.67*	*55.17*	9.97	8.81	10.32	68.71	54.19	3.59	3.61	3.92	3.88	*91.60*	*93.02*	5.64	2.74	*48.59*	5.43	6.72	*80.70*
Minima	13.5	*83.0*	*45.6*	8.6	7.4	8.6	64.0	42.5	3.1	3.25	3.55	3.6	*79.1*	*82.5*	4.8	2.2	*40.4*	4.8	6.0	*72.9*
Maxima	15.5	*98.6*	*62.8*	10.9	10.0	11.1	76.0	66.5	4.2	4.2	4.45	4.5	*105.6*	*104.2*	6.5	3.2	*58.5*	6.0	7.5	*90.8*

SIBERIA: MONGOL

FEMALES

Catalog No.	Collection	Locality	Approximate age of subject	Deformation	Diam. antero-posterior maxim. (glabella ad maximum)	Diam. lateral maxim.	Basion-Bregma height	*Cranial Index*	*Mean Height Index*	*Height-Breadth Index*	Cranial Module	Capacity, in c. c. (Hrdlička's method)	Teeth, wear	Menton-Nasion Height (a)	Alveol. Pt.-Nasion Height (b)
	(*A. H.*)														
278913	U.S.N.M.	Urga	30		18.2	13.6	12.6	*74.7*	*79.2*		14.80	1,450			7.2
278779	do	do	26		17.8	13.4	12.5	*75.3*	*80.1*		14.57	1,250		11.8	7.0
278778	do	do	25		17.8	13.5	12.7	*75.8*	*81.2*		14.67	1,450		11.1	6.8
278800	do	do	28		18.2	13.8	13.0	*75.8*	*81.3*		15.00	1,500			7.3
278797	do	do	35		17.5	13.3	12.4	*76.0*	*80.5*		14.40	1,433		11.5	6.9
278770	do	do	40		18.5	14.1	12.0	*76.2*	*73.6*		14.87	1,510			7.5
278788	do	do	24		17.6	13.7	12.5	*77.8*	*79.9*		14.60	1,410		11.1	6.9
278787	do	do	70		18.2	14.2	13.0	*78.0*	*80.2*		15.13	1,470			
278795	do	do	35		18.6	14.5	13.4	*78.0*	*81.0*		15.50	1,550			7.9
278792	do	do	55		17.6	13.8	12.4	*78.4*	*79.0*		14.60	1,310			7.3
278773	do	do	65		18.0	14.6	12.9	*78.5*	*77.1*		15.37	1,480			
278784	do	do	35		[1]18.2	14.2	13.0	*78.9*	*89.7*		15.07	1,385		11.5	6.7
278841	do	do	40		[1]18.6	14.4	12.3	*79.1*	*75.5*		14.97	1,340			7.3
278801	do	do	25		17.7	14.0	12.7	*79.1*	*80.1*		14.80	1,470		11.8	7.4
278926	do	do	25		17.7	14.0	12.4	*79.1*	*78.2*		14.70	1,410		11.3	6.9
278876	do	do	55		17.8	14.1	13.4	*79.2*	*84.0*		15.10	1,410			
278804	do	do	26		18.4	14.6	13.2	*79.3*	*80.0*		15.40				8.1
278825	do	do	26		17.9	14.2	12.6	*79.3*	*78.5*		14.90	1,460		12.3	7.4
278885	do	do	30		16.8	13.4	11.8	*79.8*	*78.1*		14.00	1,260			
278802	do	do	40		17.8	14.2	12.0	*79.8*	*75.0*		14.67	1,330		11.9	7.2
278799	do	do	35		17.4	13.9	12.5	*79.9*	*79.9*		14.60	1,350			6.4
278909	do	do	40		18.0	14.4	12.4	*80.0*	*76.5*		14.93	1,420			7.0
278851	do	do	40		18.2	14.6	13.0	*80.2*	*79.3*		15.27	1,450		12.0	7.3
278903	do	do	30		17.3	13.9	12.3	*80.3*	*78.8*		14.50	1,170			6.5
278823	do	do	25		17.1	13.8	12.2	*80.7*	*79.0*		14.37	1,300			7.4
278839	do	do	40		17.9	14.5	12.0	*81.0*	*74.1*		14.80	1,345		11.0	6.7
278815	do	do	24		18.0	14.6	12.8	*81.1*	*78.5*		15.13	1,500		12.5	7.4
278838	do	do	45		17.2	14.0	12.1	*81.4*	*77.6*		14.43	1,335		11.2	6.8
278840	do	do	35		17.9	14.6	12.7	*81.6*	*78.2*		15.07	1,590		12.4	7.6
278863	do	do	40		17.4	14.2	12.4	*81.6*	*78.5*		14.67	1,370			7.2
278807	do	do	24		16.4	13.4	11.8	*81.7*	*79.2*		13.87	1,170			6.9
278868	do	do	45		17.5	14.3	13.0	*81.7*	*81.8*		14.93	1,395			
278810	do	do	45		16.9	13.8	13.2	*81.7*	*86.0*		14.63	1,360			
278824	do	do	26		17.6	14.4	12.8	*81.8*	*80.0*		14.93	1,405			6.8
278874	do	do	30		17.0	13.9	12.9	*81.8*	*83.5*		14.60	1,290			6.7
278911	do	do	23		17.8	14.6	13.2	*82.0*	*81.5*		15.20	1,540			7.4
278893	do	do	45		17.2	14.1	11.8	*82.0*	*75.4*		14.37	1,260			7.3
278832	do	do	25		17.4	14.3	12.8	*82.2*	*80.8*		14.83	1,390		11.8	7.2

278864	do	do	50		17.5	14.4	12.6	*82.3*	*79.0*		14.83	1,345			7.4
278869	do	do	35		[1]16.6	13.7	11.9	*82.5*	*78.5*		14.07	1,240			6.9
278906	do	do	35		17.8	14.7	12.4	*82.6*	*76.3*		14.97	1,490			6.8
278846	do	do	25		18.0	14.9	12.8	*82.8*	*77.8*		15.23	1,540		11.7	7.1
278739	do	do	24		17.0	14.1	12.9	*82.9*	*83.0*		14.67	1,400			7.2
278730	do	do	30		17.6	14.6	13.0	*83.0*	*80.7*		15.07	1,500		12.1	7.6
278904	do	do	50		17.6	14.6	13.1	*83.0*	*81.4*		15.10	1,470			7.1
278813	do	do	30		17.3	14.4	12.4	*83.2*	*78.2*		14.70	1,390		10.9	6.7
278850	do	do	45		18.0	15.0	12.7	*83.3*	*77.0*		15.23	1,570			7.6
278826	do	do	30		18.1	15.1	13.0	*83.4*	*78.3*		15.40	1,630		12.2	7.1
278817	do	do	25		17.0	14.2	12.6	*83.5*	*80.8*		14.60	1,410		11.0	6.6
278836	do	do	30		17.4	14.6	12.1	*83.9*	*75.6*		14.70	1,420		11.0	6.8
278812	do	do	35		16.9	14.2	12.4	*84.0*	*79.7*		14.50	1,330		12.0	7.1
278867	do	do	45		16.9	14.2	13.0	*84.0*	*83.6*		14.70	1,370			6.8
278871	do	do	24		17.5	14.7	12.6	*84.0*	*78.3*		14.93	1,520			6.5
278831	do	do	25		16.9	14.2	13.3	*84.0*	*85.5*		14.80	1,450		12.1	7.2
278878	do	do	70		17.5	14.7	13.3	*84.0*	*82.6*		15.17	1,440			
278721	do	do	28		18.0	15.2	12.8	*84.4*	*77.1*		15.33	1,620			7.1
278881	do	do	24		16.8	14.2	12.2	*84.5*	*78.7*		14.40	1,330			7.3
278720	do	do	30		17.4	14.7	12.3	*84.5*	*76.6*		14.80	1,340		11.6	7.1
278882	do	do	30		17.4	14.7	12.2	*84.5*	*76.0*		14.77	1,450			7.2
278728	do	do	35		17.0	14.4	12.6	*84.7*	*80.3*		14.67	1,240			
278908	do	do	50		17.2	14.6	12.7	*84.9*	*79.9*		14.83	1,370			7.3
278892	do	do	30		16.7	14.2	12.6	*85.0*	*81.6*		14.50	1,260			6.5
278898	do	do	30		[1]16.0	13.6	12.6	*85.0*	*85.1*		14.07	1,210			7.3
278746	do	do	24		16.7	14.2	12.2	*85.0*	*79.0*		14.37	1,370		11.6	6.8
278726	do	do	55		16.9	14.4	12.6	*85.2*	*80.5*		14.63	1,360		12.3	7.9
278853	do	do	50		17.6	15.0	13.0	*85.2*	*79.8*		15.20	1,640			7.1
278733	do	do	25		16.3	13.9	12.8	*85.3*	*84.8*		14.33	1,270			6.5
278897	do	do	35		17.2	14.8	13.4	*86.0*	*83.8*		15.13	1,550			7.4
278737	do	do	26		16.6	14.3	12.8	*86.1*	*82.8*		14.57	1,400		(10.6)	(6.5)
278819	do	do	25		17.6	15.2	12.2	*86.4*	*74.4*		15.00	1,500			7.2
278727	do	do	24		17.2	14.9	12.1	*86.6*	*75.4*		14.73	1,460			6.9
278742	do	do	30		17.4	15.1	12.6	*86.8*	*77.5*		15.03	1,480			7.3
278749	do	do	23		16.5	14.4	12.4	*87.3*	*80.3*		14.43	1,400			6.7
278750	do	do	30		16.5	14.6	12.6	*88.5*	*81.0*		14.57	1,365		11.2	6.7
278858	do	do	24		17.3	15.4	11.8	*89.0*	*72.2*		14.83	1,470			7.0
278738	do	do	25		16.6	14.8	12.4	*89.2*	*79.0*		14.60	1,330			7.0
278764	do	do	22		16.5	14.8	13.0	*89.7*	*83.1*		14.77	1,440		10.7	6.7
278752	do	do	24		16.8	15.1	12.0	*90.0*	*75.2*		14.63	1,400			6.6
278763	do	do	30		16.8	15.3	13.1	*91.1*	*81.6*		15.07	1,430		12.7	7.8
278762	do	do	28		17.1	15.6	12.5	*91.2*	*76.5*		15.07	1,510			7.2
278753	do	do	26		16.5	15.2	12.7	*92.1*	*80.1*		14.80	1,410			6.7
278925	do	do	30		16.5	15.6	12.0	*94.5*	*74.8*		14.70	1,460			7.1
Specimens			(82)		(82)	(82)	(82)	(82)	(82)		(82)	(81)		(29)	(73)
Totals			2,773		1,425.8	1,179.4	1,033.0				1,212.75	114,128		338.3	517.3
Averages			33.8		17.39	14.38	12.60	*82.72*	*79.30*		14.79	1,409		11.67	7.09
Minima			22		16.0	13.3	11.8	*74.7*	*72.2*		13.87	1,170		10.7	6.4
Maxima			70		18.6	15.6	13.4	*94.5*	*86.0*		15.50	1,640		12.7	8.1

See footnotes at end of table.

SIBERIA: MONGOL—Continued

FEMALES—Continued

Catalog No.	Diam. Bizygomatic maxim. (c)	Facial Index, total $\left(\frac{a \times 100}{c}\right)$	Facial Index, upper $\left(\frac{b \times 100}{c}\right)$	Basion-Alveolar Pt.	Basion-Subnasal Pt.	Basion-Nasion	Facial Angle	Alveolar Angle	Orbits—Height, right	Orbits—Height, left	Orbits—Breadth, right	Orbits—Breadth, left	Orbital Index, right	Orbital Index, left	Nose—Height	Nose—Breadth maxim.	Nasal Index	Upper Alveolar Arch—Length maxim.	Upper Alveolar Arch—Breadth maxim.	Upper Alveolar Arch—Index
278913	13.0	------	*55.4*	9.4	8.5	10.0	73.0	58.0	3.5	3.5	3.7	3.75	*94.6*	*93.3*	5.2	2.2	*42.3*	5.1	6.4	*79.7*
278779	12.5	*94.4*	*56.0*	9.7	8.8	10.2	73.5	55.0	3.55	3.6	3.8	3.8	*93.4*	*94.7*	5.3	2.65	*50.0*	5.1	6.4	*79.7*
278778	12.7	*87.4*	*53.5*	8.8	8.0	9.6	71.5	55.0	3.4	3.4	3.5	3.4	*97.1*	*100.0*	5.25	2.4	*45.7*	4.7	6.2	*75 8*
278800	13.6	------	*53.7*	10.9	9.4	10.2	65.0	44.0	3.45	3.45	3.95	3.8	*87.3*	*90.8*	5.2	2.8	*53.9*	6.0	7.2	*83.3*
278797	12.9	*89.2*	*53.5*	9.8	8.6	9.4	65.5	49.0	3.35	3.55	3.55	3.55	*94.4*	*100.0*	5.0	2.6	*52.0*	5.5	6.4	*85.9*
278770	13.4	------	*56.0*	9.1	7.8	9.1	65.5	48.5	3.75	3.75	3.9	3.9	*96.2*	*96.2*	5.35	2.35	*43.9*	4.9	6.2	*79.0*
278788	12.7	*87.4*	*54.3*	9.4	8.5	9.4	68.0	55.5	3.8	3.7	3.80	3.75	*98.7*	*98.7*	5.05	2.45	*48.5*	4.8	6.3	*76.2*
278787	13.3	------	------	------	8.2	10.0	------	------	3.4	3.4	3.6	3.6	*94.4*	*94.4*	4.95	2.55	*51.5*	------	------	------
278795	13.0	------	*60.8*	9.9	8.8	10.2	68.5	58.0	3.7	3.55	3.8	3.8	*97.4*	*95.4*	5.3	2.7	*50.9*	5.3	6.5	*81.6*
278792	13.0	------	*56.2*	9.3	8.6	9.8	71.0	63.5	3 75	3.8	4.0	4.0	*93.8*	*95.0*	5.2	2.5	*48.1*	5.0	6.0	*83.3*
278773	14.0	------	------	------	8.7	10.2	------	------	3.4	3.4	3.95	3.95	*86.1*	*86.1*	5.1	2.9	*56.9*	------	------	------
278784	13.2	*87.1*	*50.8*	10.0	8.9	10.0	70.5	46.5	3.4	3.45	3.9	3.8	*87.2*	*90.8*	5.15	2.7	*52.4*	5.5	6.4	*85.9*
278841	13.8	------	*52.9*	9.7	8.6	9.6	67.0	56.0	3.55	3.6	4.15	4.1	*85.5*	*87.8*	5.0	2.75	*55.0*	5.1	5.9	*86.4*
278801	13.1	*90.1*	*56.5*	8.8	7.8	9.2	68.5	58.0	3.55	3.5	3.6	3.7	*98.6*	*94.6*	5.0	2.35	*47.0*	4.8	6.1	*78.7*
278926	13.0	*86.9*	*53.1*	9.5	8.6	9.8	71.5	54.5	3.65	3.6	3.8	3.65	*96.1*	*98.6*	5.2	2.8	*53.9*	4.9	6.0	*81.7*
278876	13.0	------	------	------	8.4	9.7	------	------	3.5	3.45	3.55	3.5	*98.6*	*98.6*	5.4	2.8	*51.9*	------	------	------
278804	13.2	------	*61.4*	------	8.6	10.0	------	------	3.7	3.65	3.9	3.9	*94.9*	*93.6*	5.45	2.5	*45.9*	------	------	------
278825	13.1	*93.9*	*56.5*	9.1	8.0	9.6	70.0	55.5	3.25	3.2	3.7	3.7	*87.8*	*86.5*	5.05	2.35	*46.5*	4.9	6.3	*77.8*
278885	12.6	------	------	------	------	8.6	------	------	3.75	3.8	3.9	3.8	*96.2*	*100.0*	------	------	------	------	------	------
278802	13.2	*90.2*	*54.6*	------	8.9	9.6	------	------	3.3	3.4	3.8	3.7	*86.8*	*91.9*	5.2	3.0	*57.7*	------	------	------
278799	12.7	------	*60.4*	9.4	8.4	9.2	68.0	51.5	3.3	3.35	3.75	3.6	*88.0*	*93.1*	4.7	2.65	*56.4*	5.2	6.6	*78.8*
278909	13.8	------	*60.7*	9.8	8.4	9.4	65.0	44.0	3.5	3.5	4.05	3.9	*86.4*	*89.7*	5.05	2.6	*51.5*	------	------	------
278851	13.2	*90.9*	*55.3*	9.7	8.7	10.0	70.5	58.0	3.35	3.4	3.85	3.85	*87.0*	*83.3*	5.0	2.5	*50.0*	5.1	6.1	*83.6*
278903	13.6	------	*47.8*	9.8	8.8	9.6	68.5	54.0	3.25	3.25	3.65	3.65	*89.0*	*89.0*	4.65	2.4	*51.6*	5.2	6.2	*83.9*
278823	13.9	------	*43.2*	9.8	8.8	9.8	68.0	55.0	3.3	3.4	3.8	3.7	*86.8*	*91.9*	5.4	2.65	*49.1*	5.3	6.5	*81.5*
278839	13.4	*82.1*	*50.0*	9.1	8.2	9.4	71.0	52.0	3.55	3.65	3.65	3.7	*97.3*	*93.6*	5.2	3.05	*58.7*	4.6	6.5	*70.8*
278815	12.7	*98.4*	*58.3*	9.0	7.8	9.0	66.0	52.0	3.45	3.45	3.6	3.5	*95.8*	*98.6*	5.2	2.7	*51.9*	4.9	6.4	*76.6*
278838	12.8	*87.5*	*53.1*	9.1	8.0	9.2	69.0	48.0	3.65	3.6	3.8	3.8	*86.1*	*94.7*	5.1	2.5	*49.0*	4.8	6.1	*78.7*
278840	13 8	*89.9*	*55.1*	9.8	8.8	9.8	67.0	56.0	3.15	3.25	3.8	3.7	*82.9*	*87.8*	5.45	2.5	*45.9*	5.6	6.7	*83.6*
278863	13.2	------	*54.6*	9.5	8.6	9.4	67.0	56.5	3.45	3.45	3.7	3.6	*93.2*	*95.8*	5.3	2.6	*49.1*	5.0	6.4	*78.1*
278807	12.5	------	*55.2*	9.9	9.0	9.8	68.5	56.0	3.7	3.55	3.8	3.8	*97.4*	*93.4*	5.05	2.4	*47.5*	4.9	6.0	*81.7*
278868	12.8	------	------	------	8.4	9.4	------	------	3.5	3.5	3.85	3.95	*90.9*	*88.6*	4.9	2.85	*58.2*	------	------	------
278810	13.1	------	------	------	7.7	9.2	------	------	3.35	3.4	3.8	3.8	*88.2*	*89.5*	5.0	2.7	*54.0*	------	------	------
278824	12.8	------	*53.1*	9.2	8.2	9.8	73.5	52.0	3.25	3.3	3.7	3.6	*87.8*	*91.7*	5.1	2.6	*51.0*	4.7	6.2	*75.8*
278874	13.3	------	*50.4*	9.0	8.3	9.2	70.0	58.0	3.3	3.45	3.8	3.8	*86.8*	*90.8*	5.1	2.9	*56.9*	------	------	------
278911	13.6	------	*54.4*	9.7	8.8	10.1	70.5	59.5	3.6	3.55	3.85	3.7	*93.5*	*95.9*	5.2	2.5	*48.1*	5.2	6.9	*75.4*

278893	13.0	------	*56.2*	8.9	7.9	9.4	70.0	53.0	3.65	3.7	3.8	3.65	*98.0*	*101.4*	5.4	2.9	*53.7*	4.6	5.6	*82.1*
278832	12.7	*92.9*	*56.7*	9.7	8.7	9.4	65.5	54.5	3.3	3.4	3.8	3.75	*86.8*	*90.7*	5.2	2.2	*42.3*	5.0	6.0	*83.3*
278864	14.0	------	*52.9*	9.7	8.4	9.6	66.5	50.0	3.55	3.55	3.9	3.9	*91.0*	*91.0*	5.2	2.5	*48.1*	5.3	6.2	*85.5*
278869	13.0	------	*53.1*	------	7.8	9.0	------	------	------	3.7	------	3.8	------	*97.4*	5.15	2.7	*52.4*	------	------	------
278906	12.8	------	*53.1*	9.6	8.6	9.7	69.5	51.0	3.3	3.4	3.7	3.6	*89.2*	*94.4*	5.1	2.75	*53.9*	4.9	6.3	*77.8*
278846	13.3	*88.0*	*53.4*	9.6	8.8	9.9	71.0	59.5	3.2	3.15	3.65	3.6	*87.7*	*87.5*	5.25	2.85	*54.3*	4.9	6.7	*73.1*
278739	13.1	------	*55.0*	9.8	8.6	9.7	67.5	50.0	3.3	3.3	3.75	3.65	*88.0*	*90.4*	5.2	2.3	*44.2*	5.4	6.3	*85.7*
278730	12.8	*94.5*	*59.4*	9.2	8.2	9.6	69.0	55.0	3.7	3.75	3.75	3.7	*98.7*	*101.4*	5.6	2.3	*41.1*	5.1	6.2	*82.3*
278904	13.1	------	*54.2*	9.2	8.0	9.4	69.0	53.0	3.3	3.3	3.8	3.6	*86.8*	*91.7*	4.85	2.35	*48.5*	5.1	6.6	*77.3*
278813	12.7	*85.8*	*52.8*	8.6	7.7	8.8	69.0	55.5	------	------	------	------	------	------	4.8	2.5	*52.1*	4.5	6.2	*72.6*
278850	13.8	------	*55.1*	10.3	8.8	9.6	63.0	42.0	3.4	3.35	3.7	3.7	*91.9*	*90.5*	5.6	2.75	*49.1*	------	------	------
278826	14.1	*86.5*	*50.4*	9.6	8.6	9.7	69.0	52.5	3.7	3.8	4.1	3.9	*90.2*	*97.4*	5.25	2.7	*51.4*	5.0	6.8	*73.5*
278817	12.9	*85.3*	*51.2*	9.0	8.0	8.8	66.5	52.5	3.5	3.55	3.8	3.6	*92.1*	*98.6*	4.7	2.3	*48.9*	4.8	6.1	*78.7*
278836	13.0	*84.6*	*52.3*	9.9	8.4	9.4	65.0	40.0	3.45	3.45	3.8	3.8	*90.8*	*90.8*	5.0	2.55	*51.0*	5.3	6.5	*81.5*
278812	12.7	*94.5*	*55.9*	9.1	8.1	9.2	68.0	54.0	3.3	3.35	3.7	3.6	*89.2*	*93.0*	5.1	2.5	*49.0*	5.05	6.2	*81.5*
278867	13.9	------	*48.9*	9.8	9.0	10.0	71.5	57.0	3.35	3.35	3.8	3.65	*88.2*	*91.8*	5.1	2.5	*49.0*	4.9	5.9	*83.1*
278871	13.5	------	*48.2*	9.1	8.3	9.0	68.0	42.0	3.4	3.35	3.5	3.4	*97.1*	*98.5*	5.5	2.6	*47.3*	4.9	6.2	*79.0*
278831	13.3	*91.0*	*54.1*	9.5	8.4	9.4	67.0	50.5	3.45	3.5	3.7	3.6	*97.2*	*97.2*	5.3	2.7	*50.9*	5.2	6.6	*78.8*
278878	14.1	------	------	------	8.6	10.0	------	------	3.35	3.35	4.0	3.9	*83.8*	*85.9*	5.05	2.75	*54.5*	------	------	------
278721	13.5	------	*52.6*	9.8	8.8	10.0	70.5	56.0	3.65	3.65	4.2	4.1	*86.9*	*89.0*	5.0	2.5	*50.0*	5.3	5.8	*91.4*
278881	12.8	------	*57.0*	9.8	8.7	9.8	68.0	53.0	3.2	3.25	3.5	3.5	*91.4*	*92.9*	5.25	2.75	*52.4*	5.2	6.3	*82.5*
278720	13.9	*83.5*	*51.1*	8.9	8.1	9.1	68.0	58.0	3.2	3.3	3.8	3.8	*84.2*	*86.8*	5.3	2.55	*48.1*	4.9	6.3	*77.8*
278882	13.4	------	*53.7*	9.2	8.3	9.2	67.0	56.0	3.6	3.7	3.8	3.8	*94.7*	*97.4*	5.3	2.4	*45.3*	4.9	6.2	*79.0*
278728	------	------	------	9.4	8.4	9.3	------	------	------	3.4	------	3.8	------	*89.5*	5.2	2.6	*50.0*	5.3	6.1	*86.9*
278908	13.3	------	*54.9*	9.8	8.8	9.8	68.0	55.0	3.45	3.4	3.9	3.95	*88.5*	*86.1*	5.3	2.85	*53.8*	------	------	------
278892	13.4	------	*48.5*	9.4	8.4	9.4	70.0	50.0	2.95	2.85	3.5	3.45	*84.3*	*82.6*	4.85	2.55	*52.6*	5.4	6.4	*84.4*
278898	12.6	------	*57.9*	8.8	8.2	9.2	69.0	66.0	3.6	3.7	3.6	3.65	*100.0*	*101.4*	5.4	2.6	*48.2*	4.7	6.6	*71.2*
278746	12.7	*91.3*	*53.5*	9.0	8.0	9.0	68.0	51.5	3.8	3.75	3.65	3.7	*104.1*	*101.4*	5.05	2.5	*49.5*	4.9	6.4	*76.6*
278726	13.4	*91.8*	*59.0*	9.8	8.5	9.3	62.0	48.0	3.55	3.6	3.9	3.9	*91.0*	*92.3*	5.7	2.8	*49.1*	------	------	------
278853	13.4	------	*53.0*	8.8	7.8	9.4	71.5	54.0	3.6	3.6	3.9	3.8	*92.3*	*94.7*	5.2	2.3	*44.2*	4.7	5.8	*81.0*
278733	13.0	------	*50.0*	9.0	8.0	9.4	72.5	49.5	3.2	3.3	3.6	3.6	*88.9*	*91.7*	5.0	2.45	*49.0*	4.4	6.1	*72.1*
278897	13.8	------	*53.6*	9.4	8.4	10.2	73.5	54.0	3.5	3.5	3.6	3.7	*97.2*	*94.6*	5.55	2.4	*43.2*	5.1	6.2	*82.3*
278737	(12.4)	(*85.5*)	(*52.4*)	(8.5)	(8.0)	(9.0)	(72.5)	(65.0)	3.2	3.25	3.7	3.6	*86.5*	*90.3*	5.05	2.5	*49.5*	(4.5)	(5.5)	(*81.8*)
278819	13.5	------	*53.3*	9.2	8.5	9.6	70.5	62.5	3.55	3.55	3.65	3.7	*97.3*	*95.9*	5.3	2.5	*47.2*	4.6	6.3	*73.0*
278727	12.8	------	*53.9*	9.3	8.0	9.2	67.0	40.5	3.6	3.55	3.7	3.7	*97.3*	*95.9*	5.3	2.4	*45.3*	4.9	6.3	*77.8*
278742	13.4	------	*54.5*	8.6	7.7	9.1	69.0	56.5	3.7	3.75	3.75	3.7	*98.7*	*101.4*	5.3	2.55	*48.1*	4.7	6.1	*77.1*
278749	12.4	------	*54.0*	9.3	8.2	9.2	68.0	50.5	3.6	3.15	3.4	3.4	*94.1*	*92.6*	4.8	2.3	*47.9*	4.8	5.9	*81.4*
278750	12.7	*88.2*	*52.8*	9.0	8.2	9.1	69.0	51.0	3.2	3.6	3.8	3.6	*94.7*	*100.0*	5.0	2.85	*57.0*	4.8	6.4	*75.0*
278858	13.1	------	*53.4*	9.1	8.2	9.2	68.0	55.0	3.6	3.5	3.7	3.6	*97.3*	*98.6*	5.25	2.4	*45.7*	4.5	6.0	*75.0*
278738	13.9	------	*50.4*	9.8	8.7	9.6	67.0	43.5	3.35	3.45	3.8	3.75	*88.2*	*92.0*	5.45	2.8	*51.4*	5.0	6.5	*76.9*
278764	12.8	*83.6*	*52.3*	9.1	8.2	9.3	70.0	57.0	3.35	3.35	3.7	3.7	*90.5*	*89.2*	4.7	2.4	*51.1*	4.6	6.1	*75.4*
278752	13.1	------	*50.4*	9.1	8.1	9.2	70.0	53.0	3.1	3.2	3.6	3.6	*86.1*	*88.9*	4.8	2.55	*53.1*	5.2	6.6	*78.8*
278736	13.6	*93.4*	*57.4*	9.1	8.0	9.4	67.0	56.0	3.6	3.5	3.7	3.65	*97.3*	*95.9*	5.4	2.4	*44.4*	5.3	6.3	*84.1*
278762	13.6	------	*52.9*	10.1	8.8	9.4	63.0	46.0	3.4	3.45	3.75	3.65	*90.7*	*94.5*	5.2	2.35	*45.2*	5.2	6.9	*75.4*
278753	13.4	------	*50.0*	8.4	7.4	8.8	70.0	54.5	3.5	3.5	3.75	3.7	*93.3*	*94.6*	4.65	2.65	*57.0*	4.9	6.2	*79.0*
278925	14.5	------	*49.0*	9.7	8.8	9.8	69.5	52.0	3.8	3.8	4.0	3.9	*95.0*	*97.4*	5.55	2.55	*45.9*	4.8	6.3	*76.2*
Specimens	(80)	(29)	(73)	(71)	(80)	(81)	(70)	(70)	(79)	(81)	(79)	(81)	(79)	(81)	(81)	(81)	(81)	(63)	(66)	(56)
Totals	1,057.3	------	------	667.7	670.7	770.1	4,895.5	3,710.5	273.4	281.7	297.5	301.2	------	------	417.95	208.6	------	330.15	415.4	------
Averages	13.22	*89.28*	*53.64*	9.40	8.38	9.51	68.65	53.01	3.46	3.48	3.77	3.72	*91.90*	*93.53*	5.16	2.58	*49.91*	5.0	6.29	*79.48*
Minima	12.4	*83.1*	*43.2*	8.4	7.4	8.6	62.0	40.0	2.95	2.85	3.4	3.4	*82.9*	*82.6*	4.65	2.2	*41.1*	4.4	5.6	*70.8*
Maxima	14.5	*98.4*	*61.4*	10.9	9.4	10.2	74.5	66.0	3.8	3.8	4.2	4.1	*104.1*	*101.4*	5.7	3.05	*58.7*	6.0	7.2	*91.4*

[1] Near.

MONGOLS

(Abstract)

Measurement	Males [1]			Females [1]		
	Group A	Group B	Group C	Group A	Group B	Group C
Approximate age of subject	(31)	(61)	(12)	(29)	(29)	(24)
	44.0	44.2	44.3	36.2	34.2	30.5
Vault:	(31)	(61)	(12)	(29)	(29)	(24)
Length	18.82	18.37	17.88	17.86	17.34	16.87
	(31)	(61)	(12)	(29)	(29)	(24)
Breadth	14.70	15.21	15.68	14.07	14.39	14.75
	(31)	(61)	(12)	(29)	(29)	(24)
Height	13.20	13.18	13.17	12.58	12.67	12.54
	(31)	(61)	(12)	(29)	(29)	(24)
Cranial Index	*78.12*	*82.81*	*87.74*	*78.76*	*82.98*	*87.45*
	(31)	(61)	(12)	(29)	(29)	(24)
Mean height index	*78.75*	*78.48*	*78.47*	*78.81*	*79.81*	*79.29*
	(31)	(61)	(12)	(29)	(29)	(24)
Cranial module	15.57	15.58	15.58	14.84	14.80	14.72
	(31)	(59)	(12)	(28)	(29)	(24)
Capacity	1,574.5	1,587.9	1,638.3	1,404.9	1,413.3	1,408.5
Face:	(9)	(16)	(4)	(14)	(10)	(5)
Total height	12.98	12.99	12.73	11.67	11.64	11.70
	(26)	(47)	(9)	(25)	(26)	(22)
Upper height	7.95	7.89	7.90	7.16	7.06	7.04
	(30)	(57)	(11)	(29)	(29)	(22)
Maximum breadth	14.29	14.32	14.58	13.18	13.22	13.26
	(9)	(15)	(4)	(14)	(10)	(5)
Facial index, total	*90.40*	*91.40*	*88.52*	*89.63*	*88.58*	*89.72*
	(26)	(46)	(9)	(25)	(26)	(22)
Facial index, upper	*55.57*	*55.16*	*54.15*	*54.33*	*53.45*	*55.08*
Base, etc.:	(26)	(46)	(8)	(23)	(25)	(23)
Basion-Alveolar point	10.05	9.96	9.75	9.52	9.46	9.23
	(31)	(60)	(12)	(28)	(29)	(23)
Basion-Subnasal point	8.93	8.83	8.45	8.49	8.40	8.24
	(31)	(60)	(12)	(29)	(29)	(23)
Basion-Nasion	10.45	10.37	9.75	9.64	9.50	9.35
	(26)	(44)	(8)	(23)	(25)	(22)
Facial angle	69.75	68.55	66.25	68.91	68.44	68.61
	(26)	(44)	(8)	(23)	(25)	(22)
Alveolar angle	55.33	54.20	50.44	53.37	52.84	52.82
Orbits, height:	(31)	(60)	(11)	(29)	(27)	(23)
Right	3.61	3.59	3.58	3.49	3.42	3.47
	(29)	(59)	(10)	(29)	(28)	(24)
Left	3.61	3.61	3.63	3.50	3.45	3.48
Breadth:	(31)	(60)	(11)	(29)	(27)	(23)
Right	3.90	3.92	4.0	3.79	3.79	3.72
	(29)	(59)	(10)	(29)	(28)	(24)
Left	3.88	3.87	4.0	3.74	3.72	3.69
Index:	(31)	(60)	(11)	(29)	(27)	(23)
Right	*92.63*	*91.58*	*88.93*	*92.17*	*90.87*	*93.39*
	(29)	(59)	(10)	(29)	(28)	(24)
Left	*93.07*	*93.40*	*90.74*	*93.60*	*92.94*	*94.13*
Nose:	(31)	(61)	(11)	(28)	(29)	(24)
Height	5.70	5.61	5.60	5.15	5.16	5.18
	(31)	(61)	(11)	(28)	(29)	(24)
Breadth	2.72	2.75	2.70	2.60	2.59	2.53
	(31)	(61)	(11)	(28)	(29)	(24)
Nasal index	*47.78*	*49.09*	*48.18*	*50.59*	*50.18*	*48.79*
Upper Alveolar Arch:	(23)	(41)	(7)	(22)	(23)	(21)
Length	5.47	5.42	5.34	5.10	5.0	4.89
	(23)	(41)	(7)	(22)	(23)	(21)
Breadth	6.70	6.75	6.67	6.34	6.27	6.27
	(23)	(41)	(7)	(22)	(23)	(21)
Index	*81.62*	*80.30*	*80.09*	*80.56*	*79.80*	*77.98*
Lower jaw:	(10)	(19)	(4)	(15)	(10)	(4)
Height at symphysis	3.61	3.68	3.64	3.25	3.27	3.26

[1] Grouped by cranial index.

SIBERIAN CRANIA

(Abstract)

MALES

Measurement	Samoyed	Ostiak	Vogul	Tungus M-series	Tungus L-series	Buriat	Uichi		Giliak		Yakut	Yukagir	Orochi	Koriak	Kamchadal	Chukchi	Mongol (Outer)
							Type D	Type B	Sakhalin Island	Och-otsk Sea L. Amur							
Approximate age	(10)	(92)	(16)	(11)	(6)	(27)			(9)	(2)	(7)	(7)	(1)	(1)	.....	(14)	(104)
	(1)	45.5	47.8	38.6	Adult	39	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult	.....	42.8	44.1
Vault:																	
Length	(10)	(99)	(15)	(11)	(6)	(29)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(55)	(104)
	17.86	18.31	18.82	19.09	17.82	18.06	18.65	17.66	17.98	18.80	18.63	18.50	17.8	18.1	.....	18.49	18.44
Breadth	(10)	(99)	(15)	(11)	(6)	(29)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(55)	(104)
	14.67	14.28	14.03	14.45	14.93	15.05	13.83	14.84	15.03	13.60	15.0	14.63	15.0	14.2	.....	14.30	15.11
Height	(10)	(99)	(15)	(11)	(6)	(28)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(54)	(104)
	12.76	12.84	12.71	13.17	12.68	13.14	13.43	13.58	13.49	13.65	13.51	13.09	13.1	13.8	.....	13.64	13.18
Cranial index	(10)	(99)	(15)	(11)	(6)	(29)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(55)	(104)
	82.1	*78.0*	*74.5*	*75.7*	*83.8*	*83.4*	*74.1*	*84.0*	*83.6*	*72.3*	*80.5*	*79.1*	*84.3*	*78.5*	.....	*77.3*	*81.9*
Mean height index	(10)	(99)	(15)	(11)	(6)	(28)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(54)	(74.2-92.4) (104)
	78.5	*78.8*	*77.4*	*78.5*	*77.5*	*79.3*	*82.7*	*83.6*	*81.7*	*84.3*	*80.4*	*79.0*	*79.9*	*85.5*	.....	*83.2*	*78.6*
Module (mean diam.)	(10)	(99)	(15)	(11)	(6)	(28)	(4)	(5)	(9)	(2)	(7)	(7)	(1)	(1)	.....	(54)	(104)
	16.0	15.16	15.18	15.57	15.15	15.42	15.30	15.36	15.50	15.35	15.71	15.40	15.30	15.37	.....	15.48	15.58
Capacity	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(2) (101) 1,590
Face:																	
Total height	(3)	(20)	.....	(3)	(5)	(8)	(2)	(2)	(2)	.....	(3)	(3)	.....	.....	.....	(10)	(29)
	12.37	12.17	.....	12.33	12.50	12.73	12.35	12.85	13.30	.....	12.87	12.90	.....	.....	.....	13.15	12.95
Upper height	(8)	(90)	(14)	(11)	(6)	(24)	(4)	(5)	(7)	(2)	(6)	(5)	(1)	(1)	.....	(50)	(32)
	7.53	7.57	7.25	7.58	7.72	7.70	7.70	8.22	7.90	7.60	8.08	7.84	7.4	6.8	.....	7.96	7.91
Max. breadth	(10)	(98)	(14)	(11)	(6)	(27)	(4)	(5)	(8)	(2)	(7)	(6)	(1)	(1)	.....	(55)	(98)
	13.97	14.11	13.71	14.08	14.30	14.0	13.78	14.62	13.88	13.75	14.53	14.37	14.8	12.8	.....	14.11	14.34
Facial index: Total	(3)	(20)	.....	(3)	(5)	(8)	(2)	(2)	(2)	.....	(3)	(3)	.....	.....	.....	(10)	(28)
	89.4	*88.0*	.....	*87.1*	*87.2*	*90.7*	*90.2*	*93.6*	*89.6*	.....	*88.5*	*88.0*	.....	.....	.....	*94.1*	*90.7*
Facial index, upper	(8)	(90)	(13)	(11)	(6)	(24)	(4)	(5)	(7)	(2)	(6)	(5)	(1)	(1)	.....	(50)	(31)
	53.9	*53.8*	*52.8*	*53.8*	*54.0*	*55.1*	*55.9*	*56.2*	*55.1*	*55.3*	*55.2*	*54.0*	*50.0*	*53.1*	.....	*56.5*	*55.2*
Base, etc.:																	
Basion-Alveolar point	(7)	(87)	(14)	(11)	(6)	(24)	(4)	(5)	(7)	(2)	(6)	(5)	(1)	(1)	.....	(49)	(80)
	9.83	10.41	10.06	10.47	10.22	9.90	10.30	10.70	10.77	10.85	10.33	9.92	10.1	9.6	.....	10.52	9.97
Basion-Subnasal point	(10)	(96)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(54)	(103)
	8.70	9.30	9.15	9.33	9.05	8.80	9.15	9.30	9.54	9.50	9.0	8.83	9.0	8.6	.....	9.36	8.81
Basion-Nasion	(10)	(99)	(15)	(11)	(6)	(28)	(4)	(5)	(8)	(2)	(7)	(7)	(1)	(1)	.....	(54)	(103)
	9.69	10.21	10.18	10.36	10.13	9.90	10.48	10.42	10.44	10.90	10.37	10.20	9.8	9.6	.....	10.41	10.32
Facial angle	(7)	(87)	(14)	(11)	(6)	(24)	(4)	(5)	(7)	(2)	(6)	(5)	(1)	(1)	.....	(49)	(78)
	67.2	66.8	69.9	68.0	67.1	67.3	69.3	65.2	66.1	70.5	67.6	69.3	66.0	69.0	.....	68.7	68.7
Alveolar angle	(7)	(87)	(14)	(11)	(6)	(24)	(4)	(5)	(7)	(2)	(6)	(5)	(1)	(1)	.....	(49)	(78)
	54.9	53.7	56.8	52.6	52.3	53.2	50.8	52.3	53.9	52.7	53.8	57.0	55.0	53.5	.....	56.6	54.2

SIBERIAN CRANIA—Continued

(Abstract)—Continued

Measurement	Samoyed	Ostiak	Vogul	Tungus M-series	Tungus L-series	Buriat	Ulchi		Gilliak		Yakut	Yukagir	Orochi	Koriak	Kamchadal	Chukchi	Mongol (outer)
							Type D	Type B	Sakhalin Island	Okhotsk Sea L. Amur							
Orbits:																	
Mean height	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(54)	(102)
	3.43	3.51	3.42	3.50	3.42	3.49	3.52	3.53	3.46	3.42	3.43	3.43	3.4	3.4	.....	3.67	3.60
Mean breadth	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(54)	(102)
	3.83	3.98	3.79	3.87	3.91	3.79	3.94	4.02	3.96	4.05	3.93	3.92	4.0	3.8	.....	4.04	3.90
Mean index	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(54)	(102)
	89.4	*85.5*	*90.1*	*90.7*	*87.6*	*92.6*	*89.1*	*87.8*	*87.4*	*84.6*	*86.5*	*87.3*	*85.6*	*89.5*	.....	*90.7*	*92.3*
Nose:																	
Height	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(55)	(103)
	5.29	5.40	5.32	5.46	5.60	5.47	5.81	5.57	5.47	5.45	5.70	5.52	5.2	5.0	.....	5.47	5.61
Breadth	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(55)	(103)
	2.60	2.57	2.59	2.72	2.65	2.64	2.76	2.67	2.62	2.62	2.75	2.65	2.45	2.35	.....	2.41	2.74
Nasal index	(10)	(98)	(15)	(11)	(6)	(28)	(4)	(5)	(7)	(2)	(7)	(6)	(1)	(1)	.....	(55)	(103)
	49.2	*47.2*	*48.7*	*49.8*	*47.3*	*48.2*	*47.5*	*47.9*	*47.9*	*48.1*	*48.2*	*48.0*	*47.1*	*47.0*	.....	*44.6*	*48.6*
Upper Alveolar Arch:																	
Length	(7)	(88)	(14)	(11)	(6)	(24)	(3)	(4)	(7)	(2)	(6)	(5)	.....	.....	.....	(40)	(71)
	5.33	5.66	5.36	5.47	5.43	5.42	5.43	5.58	5.74	5.85	5.73	5.36				5.70	5.43
Breadth	(7)	(88)	(14)	(11)	(6)	(24)	(3)	(4)	(7)	(2)	(6)	(5)				(40)	(71)
	6.70	6.66	6.46	6.86	6.52	6.61	6.70	7.03	7.0	6.80	6.90	6.82	.....	.....	.....	6.73	6.72
Index	(7)	(88)	(14)	(11)	(6)	(24)	(3)	(4)	(7)	(2)	(6)	(5)				(40)	(71)
	79.5	*85.0*	*83.0*	*78.7*	*83.4*	*82.0*	*81.1*	*79.4*	*82.0*	*81.1*	*83.1*	*78.6*	.....	.....	.....	*84.7*	*80.7*
Lower jaw:																	
Height at symphysis	.....	.....	.....	.....	.....	(8) 4.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	(33) 3.65
FEMALES																	
Approximate mean age	(8)	(107)	(27)	(10)	(9)	(20)	(13)	(2)	(14)	(1)	.....	(13)	(2)	(1)	(1)	(54)	(82)
	Adult	43.8	47.2	33.	Adult	40.3	Adult	Adult	Adult	Adult		Adult	Adult	Adult	Adult	33.3	33.8
Vault:																	
Length	(8)	(115)	(27)	(10)	(9)	(24)	(13)	(2)	(14)	(1)	.....	(13)	(2)	(1)	(1)	(70)	(82)
	17.16	17.41	17.78	17.76	17.38	17.28	17.63	16.55	17.05	18.4	.....	17.91	17.60	17.2	17.4	17.67	17.39
Breadth	(8)	(115)	(27)	(10)	(9)	(24)	(13)	(2)	(14)	(1)	.....	(13)	(2)	(1)	(1)	(70)	(82)
	14.16	13.96	13.47	13.86	14.37	14.67	13.92	14.20	14.29	13.5	.....	14.14	14.45	13.5	13.3	13.70	14.38
Height	(8)	(115)	(26)	(10)	(9)	(24)	(13)	(2)	(13)	(1)	.....	(10)	(2)	(1)	(1)	(68)	(82)
	12.40	12.35	12.14	11.93	12.36	12.56	12.61	12.45	12.58	13.4	.....	12.46	12.35	12.5	13.6	13.14	12.60

Cranial index	(8)	(115)	(27)	(10)	(9)	(24)	(13)	(2)	(14)	(1)		(13)	(2)	(1)	(1)	(70)	(82)
	82.5	*80.2*	*75.8*	*78.*	*82.7*	*84.9*	*78.9*	*85.8*	*83.8*	*73.4*		*78.9*	*82.1*	*78.5*	*76.4*	*77.5*	*82.7*
																	(74.7-94.5)
Mean height index	(8)	(115)	(26)	(10)	(9)	(24)	(13)	(2)	(13)	(1)		(10)	(2)	(1)	(1)	(68)	(82)
	79.2	*78.7*	*77.5*	*76.5*	*77.8*	*78.6*	*79.8*	*81.*	*80.4*	*84.0*		*78.*	*77.1*	*81.4*	*88.6*	*83.8*	*79.3*
Module (mean diameter)	(8)	(115)	(26)	(10)	(9)	(24)	(13)	(2)	(13)	(1)		(10)	(2)	(1)	(1)	(68)	(82)
	14.58	14.57	14.48	14.52	14.70	14.84	14.72	14.40	14.62	15.10		14.81	14.80	14.40	14.77	14.84	1,479
Capacity																	(81)
Face:																	14.09
Total height	(3)	(18)		(3)	(7)	(4)	(3)		(2)			(2)				(12)	(29)
	11.30	11.21		11.37	11.07	12.20	12.0		12.15			11.90				11.70	11.67
Upper height	(8)	(110)	(22)	(10)	(9)	(17)	(10)	(2)	(10)	(1)		(12)	(1)	(1)	(1)	(62)	(73)
	6.98	6.99	6.72	7.21	6.92	7.25	7.33	7.05	7.22	6.9		7.26	6.6	6.8	7.0	7.37	7.09
Maximum breadth	(8)	(114)	(25)	(10)	(9)	(22)	(13)	(2)	(10)	(1)		(12)	(1)	(1)	(1)	(66)	(80)
	13.08	13.11	12.90	13.08	13.18	13.61	13.18	13.65	13.40	13.1		13.33	13.1	12.8	13.5	13.16	13.22
Facial index: Total	(3)	(18)		(3)	(7)	(4)	(3)		(2)			(2)				(12)	(29)
	86.9	*86.3*		*82.2*	*83.8*	*89.2*	*89.6*		*89.3*			*88.2*				*87.7*	*89.3*
Facial index: Upper	(8)	(109)	(22)	(10)	(9)	(17)	(10)	(2)	(9)	(1)		(12)		(1)	(1)	(62)	(73)
	53.4	*53.4*	*51.9*	*55.1*	*52.5*	*53.3*	*55.5*	*51.7*	*53.4*	*52.7*		*54.5*		*53.1*	*51.9*	*56.*	*53.6*
Base, etc.:																	
Basion-Alveolar point	(7)	(109)	(21)	(10)	(9)	(15)	(10)	(2)	(10)	(1)		(10)	(1)	(1)	(1)	(61)	(71)
	9.67	9.85	9.47	9.76	9.82	9.60	9.93	10.10	10.31	10.5		9.36	10.4	9.3	9.6	10.07	9.40
Basion-Subnasal point	(8)	(114)	(26)	(10)	(9)	(22)	(13)	(2)	(10)	(1)		(10)	(1)	(1)	(1)	(64)	(80)
	8.65	8.78	8.52	8.54	8.71	8.46	8.79	8.90	9.11	9.2		8.38	9.3	8.1	8.7	8.91	8.38
Basion-Nasion	(8)	(114)	(26)	(10)	(9)	(24)	(13)	(2)	(12)	(1)		(11)	(2)	(1)	(1)	(67)	(81)
	9.71	9.65	9.60	9.39	9.59	9.68	9.88	9.60	9.87	10.0		9.74	10.15	9.2	9.8	9.91	9.51
Facial angle	(7)	(109)	(18)	(10)	(9)	(15)	(10)	(2)	(10)	(1)		(10)	(1)	(1)	(1)	(59)	(70)
	68.7	67.3	70.	65.	67.1	68.2	67.3	65.3	62.2	61.0		69.8	69.0	67.5	70.5	67.4	68.7
Alveolar angle	(7)	(109)	(18)	(10)	(9)	(15)	(10)	(2)	(10)	(1)		(10)	(1)	(1)	(1)	(59)	(70)
	51.4	52.3	54.8	48.5	50.5	52.1	51.4	51.	51.9	49.5		55.5	49.0	49.5	59.0	54.3	53.0
Orbits:																	
Mean height	(8)	(113)	(24)	(10)	(9)	(22)	(13)	(2)	(11)	(1)		(11)		(1)	(1)	(66)	(81)
	3.38	3.43	3.40	3.50	3.26	3.48	3.53	3.39	3.41	3.3		3.37		3.5	3.25	3.55	3.47
Mean breadth	(8)	(113)	(24)	(10)	(9)	(22)	(13)	(2)	(11)	(1)		(11)		(1)	(1)	(66)	(81)
	3.75	3.83	3.79	3.75	3.61	3.79	3.90	3.98	3.80	(3.9)		3.71		3.7	3.8	3.88	3.75
Mean index	(8)	(113)	(24)	(10)	(9)	(22)	(13)	(2)	(11)	(1)		(11)		(1)		(66)	(81)
	90.1	*89.8*	*89.6*	*93.3*	*90.2*	*81.8*	*90.*	*85.3*	*89.7*	*84.7*		*99.3*		*94.6*		*91.5*	*92.7*
Nose:																	
Height	(8)	(114)	(25)	(10)	(9)	(21)	(13)	(2)	(11)	(1)		(12)	(1)	(1)	(1)	(67)	(81)
	5.17	5.06	4.96	5.25	4.95	5.29	5.27	4.92	5.09	4.75		5.28	4.9	4.8	4.9	5.12	5.16
Breadth	(8)	(114)	(25)	(10)	(9)	(21)	(13)	(2)	(11)	(1)		(12)	(1)	(1)	(1)	(67)	(81)
	2.41	2.49	2.49	2.59	2.51	2.09	2.64	2.58	2.47	2.9		2.59	2.5	2.6	2.4	2.40	2.58
Nasal index	(8)	(114)	(25)	(10)	(9)	(21)	(13)	(2)	(11)	(1)		(12)	(1)	(1)	(1)	(67)	(81)
Upper Alveolar Arch:	*46.7*	*49.3*	*50.2*	*49.3*	*50.6*	*50.9*	*50.1*	*52.3*	*48.6*	*(61.0)*		*49.1*	*51.*	*54.2*		*46.8*	*49.9*
Length	(7)	(101)	(18)	(10)	(9)	(16)	(10)	(1)	(9)	(1)		(12)	(1)			(52)	(66)
	5.09	5.28	5.06	5.23	5.11	5.09	5.24	5.5	5.30	5.6		5.13	5.2			5.38	5.0
Breadth	(7)	(101)	(18)	(10)	(9)	(16)	(10)	(1)	(9)	(1)		(12)	(1)			(52)	(66)
	6.14	6.25	6.09	6.21	6.40	6.34	6.50	6.5	6.49	6.3		6.51	6.4			6.44	6.29
Index	(7)	(101)	(18)	(10)	(9)	(16)	(10)	(1)	(9)	(1)		(12)	(1)			(52)	(66)
	82.8	*84.6*	*83.0*	*84.2*	*79.9*	*80.2*	*80.5*	*84.6*	*81.7*	*88.9*		*78.9*	*81.3*			*83.5*	*79.5*
Lower jaw:						(5)											(29)
Height at symphysis						3.14											3.26

[1] Presenile adult.
[2] Cranial capacity.

NOTES ON THE NON-ESKIMO CRANIA

Less than a score of years ago Alaska from the point of view of anthropology was regarded as one of the simplest regions, with only the Indians and the Eskimo to be considered. How far this concept was from reality will be appreciated from a study of the data herein presented.

The Alaska Indians in general offer much in common, though there are some regional differences among them. The only marked exception is the group on the Shageluk Slough of the Yukon, which approaches the dolichoid Shoshonean-Algonkin strains. The Eskimo, too, are fairly homogeneous, with local differences. But there were four groups at least in southwestern Alaska that, although belonging to the same basic complex, were distinctly different from the rest. Two of these, the Koniag and the Aleut, used to be erroneously counted with the Eskimo; but there were also two others, older and until recently not even suspected, that for a long time occupied the regions of the Koniags and the Aleuts but were more or less completely replaced by the latter.

Of these four groups, the Koniags, the latest inhabitants of Kodiak Island, were related to the Aleuts, as well as to the southern Alaska Indians, yet had some individuality of their own. The Aleuts, shown to be completely different from the Eskimo, have marked Asiatic (Tungus) affinities. Both the Pre-Koniags and the Pre-Aleuts were entirely distinct from the Koniags and the Aleuts, as well as from each other, and were related to different types of the mainland Indian.

Thus Alaska was a mosaic of differing types of people, and the main groups have doubtless now been discovered. These peoples were not very ancient, none in all probability reaching much beyond the Christian Era. If there is any type still more ancient, evidence of it lies in the frozen grounds that cannot yet be explored. It would seem, however, that at best there could have been only sparse and few stations of earlier man—there is no indication of anything on a larger scale.

Notwithstanding the differences in the various Alaska strains, there was found nowhere any sharp line of demarcation. The masses differed, sometimes very markedly, but many of the individuals merged with others of separate groups. This was partly due, no doubt, to intermixture, but in the main the cause is the same as between the various mainland tribes; it is the same basic racial derivation. Even the Eskimo in Alaska and the Indian merge to such a degree that in the case of many individual crania even an expert cannot be sure what he has before him.

This matter naturally raises the question as to the meaning of existing differences between these and other American native groups. In general there is not one of the many American tribes, nor any two

or more separate parts of even the same tribe, that do not present some physical differences. Yet all these tribes are basically closely related, and all belong plainly to one and the same stem of humanity. The differences are manifested, though never collectively, in most of the physical characters of both the living and the skeleton. The most marked ones are in stature, shape of the head, and robustness of the parts.

These differences parallel those within the other two main stems of mankind, the White and the Black, and their explanation is not yet possible, but it may be approached. It is clear that all these differences could not have existed from the beginnings of the species, for none of the human varieties of present times are of such antiquity; many in fact must be rather recent. Therefore they must have arisen in the course of man's biological history and can have been due only to internal or external contemporaneous agencies. In an extended sense therefore they were not inherent but were acquired. Just what the reasons were that underlay these organic acquisitions it is not possible to fathom clearly, but we may be sure that the causes, multiple and elusive as they may be, are all natural, and as such all subject to eventual definitive determination. They may legitimately be called the causes of "raciogeny," and their study will constitute perhaps the most attractive and important task of future anthropology. For the present it may suffice to view all these human subtypes, types, or varieties, American or other, as so many more or less fixed results of the reactions between a plastic class of organisms and various sufficiently potent internal and external agencies.

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